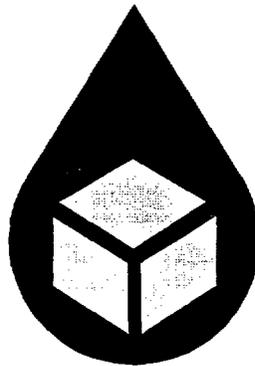

**WEST VALLEY DEMONSTRATION PROJECT
WEST VALLEY, NEW YORK**

WVDP-RFI-022

**Resource Conservation and Recovery Act
Facility Investigation Report
Volume 6**

Low-level Waste Storage Area



West Valley Nuclear Services Company, Inc.

and

Dames & Moore

Prepared for:
U.S. Department of Energy
Ohio Field Office
West Valley Area Office

October 1996
10282 Rock Springs Road
PO Box 191
West Valley, New York 14171-0191

West Valley Demonstration Project

Doc. Number WVDP-RFI-022

Revision Number 0

Revision Date 10-16-96

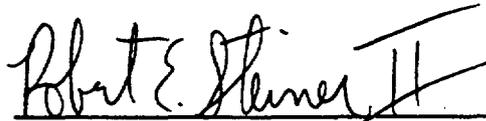
Controlled Copy No.

**UNCONTROLLED COPY
DO NOT USE FOR WORK**

Resource Conservation and Recovery Act
Facility Investigation Report
Volume 6
Low-Level Waste Storage Area

West Valley Demonstration Project
West Valley, New York

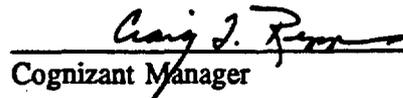
APPROVED BY



R.E. Steiner II

Cognizant Engineer

APPROVED BY



C.L. Repp

Cognizant Manager



West Valley Nuclear Services Co., Inc.

P.O. BOX 191

West Valley, NY 14171-0191

RFI:0003012.RM
WV-1816, Rev. 1

WVNS RECORD OF REVISION

DOCUMENT

If there are changes to the controlled document, the revision number increases by one. Indicate changes by one of the following:

- Placing an arrow at the beginning of the sentence or paragraph that was revised
- Placing a vertical black line in the margin adjacent to sentence or paragraph that was revised
- Placing the words GENERAL REVISION at the beginning of the text
- Placing either FC#> or PC#> at the beginning of a field/page change

Example:

The arrow in the margin indicates a change. >
The vertical line in the margin indicates a change. |

<u>Rev. No.</u>	<u>Description of Changes</u>	<u>Revision On Page(s)</u>	<u>Dated</u>
0	Original Issue	All	10-16-96

WVNS RECORD OF REVISION CONTINUATION FORM

Rev. No.	Description of Changes	Revision On Page(s)	Dated
----------	------------------------	------------------------	-------

Resource Conservation and Recovery Act
Facility Investigation Report
Volume 6
Low-Level Waste Storage Area

West Valley Demonstration Project
West Valley, New York

Prepared for:

U.S. Department of Energy
Ohio Field Office
West Valley Area Office

October 1996

Prepared by:

Dames & Moore for
West Valley Nuclear Services Co., Inc.
P.O. Box 191
Rock Springs Road
West Valley, New York 14171

Resource Conservation and Recovery Act
Facility Investigation Report
Volume 6
Low-level Waste Storage Area

Table of Contents

	<u>Page</u>
List of Acronyms	ix
Key to Analyte Abbreviations	xi
1.0 Introduction	1
1.1 Purpose and Objective	1
1.2 Information Contained in this Report	1
2.0 Source Characterization	3
2.1 Unit/Disposal Area Characterization	3
2.1.1 Old and New Hardstands (SWMUs #9 and #9A)	3
2.1.2 Lag Storage Building (SWMU #15)	4
2.1.3 Lag Storage Additions 1 and 2 (SWMU #16)	5
2.1.4 Lag Storage Additions 3 and 4 (SWMU #16A)	6
2.1.5 Geologic and Hydrologic Setting	7
2.1.6 Historical Groundwater Sampling	8
3.0 Environmental Characterization	9
3.1 Sampling Activities	9
4.0 Resource Conservation and Recovery Act Facility Investigation Results	11
4.1 Groundwater	11
4.2 Soil	13
4.2.1 Deep Soil Drilling Program	13
4.2.2 Stream/Ditch Sediment Sampling	13
4.2.3 Shallow Soil Sampling	14
4.2.4 Quality Assurance/Quality Control Summary	15
5.0 Fate and Transport	17
5.1 Chemical Properties and Toxic Profile	17
5.2 Pathway Assessment	17
6.0 Conclusions and Recommendations	19
References	21
Appendix A. Soil Program Borehole Logs for BH-25, BH-29, BH-30, and BH-38	40

Table of Contents (*concluded*)

Appendix B.	Borehole Logs and Well Construction Diagrams for WNW0301, WNW0401, WNW0406, WNW0601, WNW0602, WNW0603, WNW0604, WNW0605, WNW0706, and WNW8607	48
Appendix C.	Groundwater Contamination Indicator Parameter Data	70
Appendix D.	Expanded Groundwater Program Data	106
Appendix E.	99% Confidence Interval Comparisons of Groundwater Parameters	164
Appendix F.	Soil Program Data from BH-25, BH-29, BH-30, BH-38, ST-26, ST-37, and ST-38	174

List of Tables

- 2-1. 1990 Metals Concentrations in Soil from the Lag Storage Buildings
- 2-2. 1990 EP-Toxicity Metal Extract Concentrations from Soils from the Lag Storage Buildings
- 2-3. Historical Routine Groundwater Sampling and Analysis Parameters
- 2-4. 1991 to 1992 Groundwater Volatile Detections at the Low-level Waste Storage Area

- 3-1. 1993 Soil and Sediment Sample Locations and Analysis at the Low-level Waste Storage Area
- 3-2. Specifications of Wells Monitoring the Low-level Waste Storage Area

- 4-1. Fourth-Round 1993 Target Analyte List Metals Concentrations in Sand and Gravel Monitoring Wells at the Low-level Waste Storage Area
- 4-2. Second-Round 1994 Target Analyte List Metals Concentrations in Sand and Gravel Monitoring Wells at the Low-level Waste Storage Area
- 4-3. Target Analyte List Metals Concentration Ranges in Soil from Borehole Samples from the Low-level Waste Storage Area
- 4-4. Target Analyte List Metals Concentration Ranges in Stream Sediment Samples from the Low-level Waste Storage Area
- 4-5. Completeness of Analytical Results from the 1993 Soils Sampling Program

List of Figures

- 1-1. Low-level Waste Storage Area (SSWMU #6) Location Map
- 2-1. Low-level Waste Storage Area (SSWMU #6)
- 4-1. Low-level Waste Storage Area (SSWMU #6) Resource Conservation and Recovery Act Facility Investigation Sampling Locations and Analytical Results Summary

THIS PAGE INTENTIONALLY LEFT BLANK

List of Acronyms

ASTM	American Society of Testing and Materials
CFR	Code of Federal Regulations
CSS	Cement Solidification System
EIS	Environmental Impact Statement
EPA	(U.S.) Environmental Protection Agency
EP-Toxicity	Extraction Procedure Toxicity
FSFCA	Federal and State Facility Compliance Agreement
HEPA	High-efficiency Particulate Air (filter)
LLW	Low-level (Radioactive) Waste
LLWSA	Low-level Waste Storage Area
LLWTF	Low-level Waste Treatment Facility
LSA	Lag Storage Addition
NFS	Nuclear Fuel Services, Inc.
NGVD	National Geodetic Vertical Datum
NPOC	Nonpurgeable Organic Carbon
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyl
PCDD	Polychlorinated Dibenzo-p-dioxins
PCDF	Polychlorinated Dibenzofurans
PVC	Polyvinyl Chloride
QA	Quality Assurance
QA/QC	Quality Assurance/Quality Control
QC	Quality Control
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SAP	Sampling and Analysis Plan
SSWMU	Super Solid Waste Management Unit
SVOA	Semivolatile Organic Analysis
SVOC	Semivolatile Organic Compound
SWMU	Solid Waste Management Unit

List of Acronyms (*concluded*)

TAGM	Technical and Administrative Guidance Memorandum
TAL	Target Analyte List
TBP	Tributyl Phosphate
TCL	Target Compound List
TIC	Tentatively Identified Compound
TOC	Total Organic Carbon
TOX	Total Organic Halogen
UNH	Uranyl Nitrate Hexahydrate
USCS	Unified Soil Classification System
VOA	Volatile Organic Analysis
VOC	Volatile Organic Compound
WNYNSC	Western New York Nuclear Service Center
WRPA	Waste Reduction and Packaging Area
WVDP	West Valley Demonstration Project

Key to Analyte Abbreviations in Appendices

ABBREVIATIONS	ANALYTES
VOLATILES	
acetone	Acetone
acnitril	Acetonitrile
acrolein	Acrolein
acrynit	Acrylonitrile
allylcl	Allyl chloride
benzene	Benzene
br_meth	Methyl bromide
brdcmeth	Bromodichloromethane
brform	Bromoform
c_13_dcp	cis-1,3-Dichloropropene
cc14	Carbon tetrachloride
cl_benz	Chlorobenzene
cl_eth	Chloroethane
cl_form	Chloroform
cl_meth	Methyl chloride
cl_prene	Chloroprene
clevthr	2-Chloroethylvinyl ether
cs2	Carbon disulfide
dbc_meth	Dibromochloromethane
dbc_prop	DBCP
dbeth_12	1,2-Dibromoethane
dca_11	1,1-Dichloroethane
dca_12	1,2-Dichloroethane
dcdfmeth	Dichlorodifluoromethane

Key to Analyte Abbreviations in Appendices (continued)

ABBREVIATIONS	ANALYTES
dce_11	1,1-Dichloroethylene
dcp_12	1,2-Dichloropropane
diox_14	1,4-Dioxane
eth_benz	Ethyl benzene
eth_meth	Ethyl methacrylate
hexnone2	2-Hexanone
ibut_alc	Isobutyl alcohol
meacryln	Methacrylonitrile
mek	Methyl ethyl ketone
mene_br	Methylene bromide
mene_cl	Methylene chloride
meth_i	Methyl iodide
methmeac	Methyl methacrylate
mibk	4-Methyl-2-pentanone
picoline	2-Picoline
pntcleth	Pentachloroethane
propnitl	Propionitrile
pyridine	Pyridine
styrene	Styrene
t_13_dcp	trans-1,3-Dichloropropene
t_14dc2b	trans-1,4-Dichloro-2-butene
tca_111	1,1,1-Trichloroethane
tca_1112	1,1,1,2-Tetrachloroethane
tca_112	1,1,2-Trichloroethane
tca_1122	1,1,2,2-Tetrachloroethane
tcf_meth	Trichlorofluoromethane
tcp_123	1,2,3-Trichloropropane

Key to Analyte Abbreviations in Appendices (continued)

ABBREVIATIONS	ANALYTES
tetcleth	Tetrachloroethylene
toluene	Toluene
tricleth	Trichloroethylene
vnyl_ace	Vinyl acetate
vnyl_cl	Vinyl chloride
xylene	Xylene (Total)
PESTICIDES	
a_bhc	alpha-BHC
aldrin	Aldrin
b_bhc	beta-BHC
chlrdane	Chlordane (Total)
d_24	2,4-D
d_bhc	delta-BHC
ddd_44	4,4'-DDD
dde_44	4,4'-DDE
ddt_44	4,4'-DDT
dieldrin	Dieldrin
dinoseb	Dinoseb
disulftn	Disulfoton
endos_1	Endosulfan I
endos_2	Endosulfan II
endos_s	Endosulfan sulfate
endrin	Endrin
endrn_al	Endrin aldehyde
endrn_kt	Endrin ketone
g_bhc	gamma-BHC (Lindane)

Key to Analyte Abbreviations in Appendices (continued)

ABBREVIATIONS	ANALYTES
hept_clr	Hepatachlor
hept_epx	Hepatachlor epoxide
meth_par	Methyl parathion
meth_xcl	Methoxychlor
pcb_1016	PCB-1016
pcb_1221	PCB-1221
pcb_1232	PCB-1232
pcb_1242	PCB-1242
pcb_1248	PCB-1248
pcb_1254	PCB-1254
pcb_1260	PCB-1260
phorate	Phorate
silvex	Silvex
t_245	2,4,5_T
toxaphen	Toxaphene
METALS	
ag_t	Silver
al_t	Aluminum
as_t	Arsenic
b_t	Boron
ba_t	Barium
be_t	Beryllium
ca_t	Calcium
cd_t	Cadmium
co_t	Cobalt
cr_t	Chromium

Key to Analyte Abbreviations in Appendices (continued)

ABBREVIATIONS	ANALYTES
cu_t	Copper
fe_t	Iron
hg_t	Mercury
k_t	Potassium
mg_t	Magnesium
mn_t	Manganese
mo_t	Molybdenum
na_t	Sodium
ni_t	Nickel
pb_t	Lead
sb_t	Antimony
se_t	Selenium
sn_t	Tin
ti_t	Titanium
tl_t	Thallium
v_t	Vanadium
zn_t	Zinc
SEMIVOLATILES	
aadimthp	alpha, alpha-Dimethylphenethylamine
aceanf12	2-Acetylaminofluorene
acetophn	Acetophenone
acnphthe	Acenaphthene
acnphthy	Acenaphthylene
amnoph4	4-Aminobiphenyl
aniline	Aniline
antracn	Anthracene

Key to Analyte Abbreviations in Appendices (*continued*)

ABBREVIATIONS	ANALYTES
aramite	Aramite
benz_alc	Benzyl alcohol
benzdine	Benzidine
bis2ceth	Bis(2-chlorethyl)ether
bis2cexy	Bis(2-chloroethoxy)methane
bis2clis	Bis(2-chloroisopropyl)ether
bis2ehex	Bis(2-ethylhexyl)phthalate
bnz_a_an	Benzo[a]anthracene
bnz_a_py	Benzo[a]pyrene
bnz_b_fl	Benzo[b]fluoranthene
bnz-k-fl	Benzo[k]fluoranthene
bnzc_acd	Benzoic acid
bnzghipr	Benzo[ghi]perylene
brppeth4	4-Bromophenyl phenyl ether
butbnzph	Butyl benzyl phthalate
carbazol	Carbazole
chppeth4	4-Chlorophenyl phenyl ether
chrysene	Chrysene
clbnzilt	Chlorobenzilate
clnapht2	2-Chloronaphthalene
clphen_2	2-Chlorphenol
dbahanth	Dibenz[a,h]anthracene
dcb_33	3,3'-Dichlorobenzidine
dethylpy	0,0-Diethyl 0-2-pyrazinyl-phosphorothioate
diallate	Diallate
dibznfur	Dibenzofuran
diclph24	2,4-dichlorophenol

Key to Analyte Abbreviations in Appendices (*continued*)

ABBREVIATIONS	ANALYTES
diclph26	2,6-Dichlorophenol
diethyph	Diethyl phthalate
dimthoat	Dimethoate
dimthp24	2,4-dimethylphenol
dimthyph	Dimethyl phthalate
dinbutph	Di-n-butyl phthalate
dinoctph	Di-n-octyl phthalate
dintrp24	2,4-Dinitrophenol
dintrt24	2,4-Dinitrotoluene
dintrt26	2,6-Dinitrotoluene
diphhy12	1,2-Diphenylhydrazine
diphnyam	Diphenylamine
dmb_33	3,3'-Dimethylbenzidine
dmb_7_12	7,12-Dimethylbenz[a]anthracene
dntrcr46	4,6-Dinitro-o-cresol
ethmthsl	Ethyl methanesulfonate
famphur	Famphur
franthn	Fluoranthene
fluorene	Fluorene
hexclbnz	Hexachlorobenzene
hexclbut	Hexachlorobutadiene
hexcleth	Hexachloroethane
hexclpen	Hexachlorocyclopentadiene
hexclphn	Hexachlorophene
hexclpro	Hexachloropropene
indnpyre	Indeno(1,2,3,-cd)pyrene
isodrin	Isodrin

Key to Analyte Abbreviations in Appendices (continued)

ABBREVIATIONS	ANALYTES
isophon	Isophorone
isosfrol	Isosafrole
kepone	Kepone
m_cresol	m-Cresol
m_dclbnz	m-Dichlorobenzene
m_dntbnz	m-Dinitrobenzene
m_ntranl	m-Nitroaniline
me_mnso4	Methyl methanesulfonate
mthchla3	3-Methylcholanthrene
mthpriin	Methapyrilene
mthynph2	2-Methylnaphthalene
n_dodcan	N-Dodecane
naphthal	Naphthalene
naphthy2	2-Naphthylamine
nntrethy	N-Nitrosodiethylamine
nntrmeet	N-Nitrosomethylethylamine
nntrmorp	N-Nitrosomorpholine
nntrmthy	N-Nitrosodimethylamine
nntrnbut	N-Nitrosodi-n-butylamine
nntrphny	N-Nitrosodiphenylamine
nntrpipr	N-Nitrosopiperidine
nntrprpy	N-Nitrosodi-n-propylamine
nntrpyrr	N-Nitrosopyrrolidine
nphthy11	1-Naphthylamine
npthqn14	1,4-Naphthoquinone
ntr5_otl	5-Nitro-o-toluidine
ntrobenz	Nitrobenzene

Key to Analyte Abbreviations in Appendices (*continued*)

ABBREVIATIONS	ANALYTES
nrq4_lo	4-Nitroquinoline 1-oxide
o_cresol	o-Cresol
o_dclbnz	o-Dichlorobenzene
o_ntranl	o-Nitroaniline
o_ntrphn	o-Nitrophenol
o_toludn	o-Toluidine
p_dclbnz	p-Dichlorobenzene
p_ntranl	p-Nitroaniline
p_ntrphn	p-Nitrophenol
p_cresol	p-Cresol
p_phndam	p-Phenylenediamine
parthion	Parathion
pclranil	p-Chloroaniline
pclrmcrs	p-Chloro-m-cresol
pdimthaz	p-(Dimethylamino)azobenzene
phenol	Phenol
phnacetn	Phenacetin
phnanthr	Phenanthrene
pntclbnz	Pentachlorobenzene
pntclnbn	Pentachloronitrobenzene
pntclphn	Pentachlorophenol
prnamide	Pronimide
pyrene	Pyrene
safrole	Safrole
symtrbnz	sym-Trinitrobenzene
tcb_124	1,2,4-Trichlorobenzene
tcb_1245	1,2,4,5-Tetrachlorobenzene

Key to Analyte Abbreviations in Appendices *(concluded)*

ABBREVIATIONS	ANALYTES
tclph245	2,4,5-Trichlorophenol
tclph246	2,4,6-Trichlorophenol
tcph2346	2,3,4,6-Tetrachlorophenol
trbutphs	Tributylphosphate
triethph	0,0,0-Triethyl phosphorothioate
traethd	Tetraethyl dithiopyrophosphate

Key to Tentatively Identified Compounds by Abbreviation Name

ABBREVIATIONS	ANALYTES
VOLATILES	
hexane	Hexane
tctf_eth	Ethane, 1,1,2-Trichloro, 1,2-Trifluoro
toluene	Toluene
SEMIVOLATILES	
butoxeth	Ethanol -2(2-Butoxyethoxy)
camphene	Camphene
cyclhptr	1,3,5 Cycloheptatriene
cyclobut	Cyclobutene, Z-Propenylidene
dietgyac	Dithylene Glycol Monobutyl Ether Acetate
docosane	Docosane
hexlmeth	Hexanedioic acid, bis (1-meth...)
hexacdio	Hexanedioic acid, dioctyles
hexdcac9	9-Hexadecenoic Acid
hexdcacd	Hexadecanoic Acid
octconte	1-iodo-Octatetracontane
pntdecan	Pentadecane
tetrdcac	Tetradecanoic Acid
tetrdencn	Tetradecane
undecane	Undecane

THIS PAGE INTENTIONALLY LEFT BLANK

1.0 Introduction

1.1 Purpose and Objective

The purpose and objective of the Resource Conservation and Recovery Act (RCRA) facility investigation (RFI) is to determine the nature and extent of releases of hazardous waste or hazardous constituents, as defined in section III of the Administrative Order on Consent (Docket No. II, RCRA-3008(h)-92-0202 [U.S. Environmental Protection Agency 1992]), from solid waste management units (SWMUs) at the West Valley Demonstration Project (WVDP). Pursuant to the RFI Work Plan (West Valley Nuclear Services Co., Inc. December 16, 1993), the primary goal of this investigation is to collect and evaluate information to determine which of the following actions are appropriate for each SWMU or super SWMU (SSWMU): no further action, a corrective measures study, or additional investigations to support one of the other actions.

The intent of this particular volume, Volume 6 of the Resource Conservation and Recovery Act Facility Investigation Report, Low-level Waste Storage Area, is threefold: 1) to detail the source and contamination characteristics of the facilities associated with the low-level waste storage area (LLWSA); 2) to identify any potential receptors of contamination that exist as a result of operations at these facilities; and 3) to develop conclusions and recommendations regarding information specific to the contamination assessment of the facilities obtained during the RFI.

General information pertaining to the Western New York Nuclear Service Center (WNYNSC), the regulatory history of the WVDP, the environmental setting of the site, and potential receptors of contaminants are contained in Volume 1, Introduction and General Site Overview (WVDP-RFI-017 [West Valley Nuclear Services Co., Inc. March 1995]), of this RFI report.

1.2 Information Contained in this Report

Twelve SSWMUs at the WVDP have been identified in the RFI Work Plan. This volume of the RFI report, Volume 6, contains information resulting from the investigation of SSWMU #6, the LLWSA.

SSWMU #6, located on the site as shown in Figure 1-1, consists of the old and new hardstands, the lag storage building, supercompactor, and lag storage additions (LSAs) 1, 2, 3, and 4. LSA 2 has been disassembled; however, the gravel base pad is still in place. The location, design features, operating history, and waste management activities at SSWMU #6 are described in section 2.0. Environmental characterization information is found in section 3.0 and RFI results are found in section 4.0. Information on potential receptors of contamination is in section 5.0 and conclusions and recommendations are in section 6.0.

THIS PAGE INTENTIONALLY LEFT BLANK

2.0 Source Characterization

2.1 Unit/Disposal Area Characterization

The LLWSA is situated about 120 meters (400 ft) northeast of the process building. This SSWMU contains five SWMUs, which are: the old and new hardstands (SWMUs #9 and #9A), the lag storage building and extension (SWMU #15), LSAs 1 and 2 (SWMU #16), and LSAs 3 and 4 (SWMU #16A). The LSA facilities provide weather protection for packaged low-level radioactive, transuranic, and mixed radioactive and RCRA-hazardous wastes. The LLWSA is shown in Figure 2-1. The location and function of the component SWMUs is described in this section.

A RCRA Part A Permit application (West Valley Nuclear Services Co., Inc. February 1993) was submitted to the New York State Department of Environmental Conservation (NYSDEC) in June 1990. Eleven hazardous/mixed waste storage units including the lag storage building and LSAs 1, 2, 3, and 4 are identified and described in detail in the permit application. As interim status units, final closure will be performed in accordance with agency-approved RCRA closure plans.

The LLWSA is operated in accordance with the Federal State Facility Compliance Agreement (FSFCA) for certain mixed waste storage facilities at the WVDP. Waste categories grouped by general contents for each storage unit are identified in this section. Detailed descriptions and characterization of the waste categories identified below are contained in the FSFCA Historical Waste Characterization Report (West Valley Nuclear Services Co., Inc. July 1994). The FSFCA also contains requirements for management of wastes stored in the various units comprising the LLWSA. These requirements include weekly inspections, liquid management criteria, and dense packing specifications.

2.1.1 Old and New Hardstands (SWMUs #9 and #9A)

The old and new hardstands both occupied the same general area. The old hardstand was a paved asphalt pad measuring about 46 meters x 46 meters (150 ft x 150 ft) and located approximately 150 meters (500 ft) north of the process building. Its location in relation to present day structures is seen in Figure 2-1. It was slightly elevated above the surrounding ground surface and drainage ditches existed around its perimeter.

The old hardstand was taken out of service in 1984. The asphalt and some of the soil was removed and used as fill during decommissioning of lagoon 1.

The old hardstand was part of the original Nuclear Fuel Services, Inc. (NFS) site construction. It was used to store radioactive equipment that was either too large or cumbersome to be packaged in standard containers or that was designated for reuse. Historical aerial photographs indicate the presence of material on the hardstand such as drums, boxes, and other equipment. A 1984 aerial photograph shows the old hardstand to be clear of all material with some vegetation growing through its surface. Detailed information on the quantity of waste stored on the old hardstand is not known.

Before the excavation and removal of material from the old hardstand, soil and vegetation samples were collected from the area and analyzed for radiological parameters. Beta- and gamma-emitting nuclides were reported as responsible for the majority of activity measured in and around the old hardstand (Keel April 2, 1984). The hardstand was excavated in 1984 and 1,300 cubic meters (45,909 ft³) of material was placed in lagoon 1.

In 1986, the new hardstand was built on this same general area. (See Fig. 2-1.) The new hardstand is a compacted gravel pad originally used to store packaged radioactive steel, stainless steel, concrete rubble, and miscellaneous low-level radioactive wastes (LLW [West Valley Nuclear Services Co., Inc. July 1994]). The new hardstand currently stores low-level, non-liquid radioactive wastes typical of wastes stored in LSA 3. Inventories of wastes currently stored at the new hardstand are maintained and updated weekly by the Waste Management Operations department.

2.1.2 Lag Storage Building (SWMU #15)

The lag storage building is used to store containerized mixed waste and LLW generated from routine Project operations. The lag storage building was constructed in 1984 and is located about 120 meters (400 ft) northeast of the process building. It is a pre-engineered insulated metal, Butler-style structure supported by a clear span frame anchored to a 43 meter x 18 meter (140 ft x 60 ft) concrete slab.

The concrete slab is 50 centimeters (20 in) thick at its center and gradually slopes downward to a thickness of 20 centimeters (8 in) at the outside edges. A 15-centimeter (6-in) high concrete curb that can contain spills and leaks encloses the perimeter. The eave height of the building is 4.8 meters (15.7 ft); the height to the center ridge of the sloped roof is 5.2 meters (17 ft). The building meets the requirements of an interim status mixed waste storage facility (West Valley Nuclear Services Co., Inc. June 12, 1992).

The listed capacity of the lag storage building is 350,088 gallons or 2,251 metric tons (West Valley Nuclear Services Co., Inc. January 8, 1993). Waste boxes are stored in stacks to a maximum of four high and waste drums are stored on steel pallets to a maximum of four high (West Valley Nuclear Services Co., Inc. July 1994).

A supercompactor, installed in 1987, was used to reduce the volume of radiologically contaminated compressible items and is housed in a prefabricated trailer attached to the southwest side of the lag storage building. The connection between the trailer and building is through an air lock that is used to move containers of compacted material between the two. The supercompactor is equipped with a high-efficiency particulate air (HEPA) filter, the floors are lined with rubber matting, and the walls are lined with herculite to prevent airborne contamination or contamination due to spillage.

The supercompactor is not presently in use and has not been used since 1992. Between December 1989 and January 1990, two small capacitors containing polychlorinated biphenyls (PCBs) were inadvertently placed in drums and subsequently crushed in the supercompactor. Based on the PCB content and size information of the capacitors, it has been determined that each contained approximately 1 pound of PCBs.

Thirteen boxes containing the crushed drums and two drums of liquids have been generated subsequent to the crushing of the capacitors. A sampling and analysis plan (SAP) to determine if the crushed drums and liquids contain PCBs and to quantify that the supercompactor has been decontaminated has been prepared using U.S. Environmental Protection Agency (EPA) guidance documents and 40 Code of Federal Regulations (CFR) 761.120. The SAP approach and the associated PCB action levels have both been discussed with the EPA and NYSDEC.

Maintenance of the lag storage building and supercompactor building consists of general maintenance such as cleaning, repairing, or replacement of damaged or worn-out rubber matting or herculite sheeting, wall panels, and lights. Specific maintenance associated with the supercompactor included the monitoring of the pressure

differential across the HEPA filter and replacement and testing as per SOP 80-05 (West Valley Nuclear Services Co., Inc. November 28, 1990).

The containerized wastes stored in the lag storage building have been classified into fifteen categories based on the FSFCA Historical Waste Characterization Report (West Valley Nuclear Services Co., Inc. July 1994). The wastes are grouped in this inventory by general contents.

These waste categories are:

- Cement Mixer Test Drum
- Cement Solidification System (CSS) Cement Drum
- Weir Bags
- General Waste
- Filters/Filter Media
- Dirt, Cement, and Asphalt
- Sweeping Compound
- Low-level Waste Treatment Facility (LLWTF) Sludge
- Tank Absorbents
- General Laboratory Waste
- Glove Boxes
- Solidified n-Dodecane/Tributyl Phosphate
- CSS Test Drums
- Cement Cores
- Lead

2.1.3 Lag Storage Additions 1 and 2 (SWMU #16)

The containerized wastes stored at LSA 1 are essentially the same as those stored in the lag storage building. LSA 1 was erected in 1987 and is a pre-engineered metal frame and fabric enclosure on a compacted gravel pad. The locations of LSA 1 and LSA 2 are noted on Figure 2-1.

LSA 1 is approximately 17 meters wide by 58 meters long by 7 meters high (55 ft x 191 ft x 23 ft). The calculated capacity of LSA 1 is 302,961 gallons or 1,948 metric tons (West Valley Nuclear Services Co., Inc. January 8, 1993). The structure does not have electrical service or secondary containment.

The fabric of LSA 1 is a vinyl-coated polyester that is flame-resistant and self-extinguishing. It is designed to support snow loads of up to 30 lbs/square feet and wind velocities of 100 miles per hour (West Valley Nuclear Services Co., Inc. January 8, 1993). LSA 1 has a 14-foot high by 12-foot wide metal roll-up door and ten continuous dampers located at the top of the structure.

LSA 2 was built in 1988 and was disassembled and removed from service in 1993 due to tears in its fabric cover and concerns for the structural integrity of the metal frame. Its contents were transferred to the other LSAs. The gravel pad was left in place. It is currently used as a hardstand to store low-level, nonliquid radioactive waste typical of wastes stored in LSA 3, which is described below (Myszka December 6, 1994).

The containerized wastes in LSA 1 have been classified into twenty-four categories, grouping wastes by general contents.

These waste categories are:

Dirt, Cement, and Asphalt	Lead
General Waste	LLWTF Resin
Cement Cores	Solidified n-Dodecane/Tributyl Phosphate
Miscellaneous Solidified Liquids	CSS Cement Drums
Equipment/Material for Reuse	Supercompacted Drums
Waste Reduction and Packaging Area (WRPA) - Compacted Wastes	Weir Bags
LLWTF Sludge	Liquid from Supercompactor Boxes
Miscellaneous Sediments	Miscellaneous Resin
Spent Absorbents	Miscellaneous Grit
General Laboratory Waste	Charcoal Filter Media
Asbestos/Asbestos-containing Materials	Miscellaneous Liquids
Filters/Filter Media	Solidified Uranyl Nitrate Hexahydrate (UNH)/UNH Flush Drums

2.1.4 Lag Storage Additions 3 and 4 (SWMU #16A)

LSA 3 and LSA 4 are used to store the same types of containerized LLW and mixed waste as LSA 1. Construction of LSAs 3 and 4 was completed in early 1992. LSAs 3 and 4 occupy a limited portion of the old and new hardstands. During excavations for the foundations of these structures, some low levels of radioactively contaminated soil were encountered along the northeastern margin of the old hardstand. This is most likely attributable to old hardstand activities. All soils above background radiological levels generated during the construction of LSAs 3 and 4 were placed in storage containers and taken to on-site storage facilities.

LSA 3 and LSA 4 are pre-engineered aluminum and fabric enclosures erected above a concrete pad. (See Fig. 2-1.) Each of the two structures are about 26 meters wide by 88 meters long by 12 meters high (88 ft x 291 ft x 40 ft). The poured concrete floors of the two buildings are surrounded by a 6-inch high perimeter curb that acts as secondary containment. Both structures are provided with electrical service.

The storage capacity of LSA 3 is 1,203,765 gallons or 7,742 metric tons. The storage capacity of LSA 4 is 1,238,774 gallons or 7,966 metric tons (West Valley Nuclear Services Co., Inc. January 8, 1993).

The containerized wastes in LSA 3 and LSA 4 have been classified into several categories according to general contents.

The waste in LSA 3 has been segregated into the following five categories:

- General Waste
- CSS Cement Drums
- Dirt, Cement, and Asphalt
- Equipment/Material for Reuse
- Filters/Filter Media

The waste in LSA 4 has been segregated into the following twenty-seven categories:

General Waste	CSS Test Drums
Equipment/Material for Reuse	Solidified Ink
Dirt, Cement, and Asphalt	Miscellaneous Solidified Liquids
Absorbent with Window Oil	Solidified UNH/UNH Flush Drums
WRPA Compacted Wastes	Miscellaneous Grit
LLWTF Sludge	Supercompacted Drums
Miscellaneous Sludge	Solidified Supercompactor Liquids
Spent Absorbents	Miscellaneous Liquids
Tank Absorbents	Solidified 5K Sludge
General Laboratory Waste	Cement Cores
Glove Boxes	Filters/Filter Media
Canister Cutups	Canister Cutting Grit
LLWTF Resin	Anthracite Filter Media
Empty Boxes	

During excavation of the footings for LSAs 3 and 4 in 1990, thirty-two soil samples were collected and analyzed for metals and extraction procedure toxicity (EP-Toxicity) metals (Tables 2-1 and 2-2). The footing holes were excavated to a depth of 4 feet with the samples being collected from the bottom of the holes.

All metals results fell within concentration ranges typical of native soils (Dragun 1988). Barium was the most abundant metal with a maximum concentration of 2,280 ppm.

2.1.5 Geologic and Hydrologic Setting

The LLWSA is located on the north plateau of the WVDP, northeast of the process building. The stratigraphic sequence beneath this SSWMU consists of, from top to bottom: the thick-bedded upper portion of the "sand and gravel unit," the Lavery till, the Kent recessional sequence, the Kent till, pre-Kent glacial drift, and bedrock. Backfill, presumably of on-site origin, is widespread within the boundaries of the LLWSA and is particularly thick beneath LSAs 3 and 4.

The uppermost in-place stratigraphic unit (the sand and gravel), consisting typically of silty and sandy pebble-cobble gravel, is the shallowest water-bearing unit at the LLWSA. As such, it is the principal focus of groundwater monitoring in this part of the north plateau.

The sand and gravel unit beneath the LLWSA ranges in thickness from 5 to 20 feet; it is thinnest beneath LSAs 3 and 4 and thickest beneath LSA 1. Thickness variation is related closely to the relief on the surface of the underlying Lavery till. (See WVDP-RFI-017, Plates 3 and 5.)

The Lavery till consists typically of dense gray slightly pebbly clayey silt. The unit has a low overall hydraulic conductivity and functions as an aquitard. Beneath and in the vicinity of the LLWSA, the till sequence ranges in thickness from 50 feet on the south to 80 feet on the north while the base of the till sequence and its contact with the next lower nontill unit — the Kent recessional sequence — lies between 1,280 and 1,330 feet NGVD (National Geodetic Vertical Datum). (See WVDP-RFI-017, Plates 2 and 4.)

2.1.6 Historical Groundwater Sampling

From 1991 to the present, groundwater from the sand and gravel unit in the vicinity of SSWMU #6 has been routinely sampled for contamination indicator parameters and groundwater quality parameters (Table 2-3). From 1991 through the end of 1992, the groundwater monitoring year was divided into two semiannual periods and four samples were taken from each LLWSA well during each period. The analytical schedule comprised three categories: contamination indicator parameters, including Appendix IX volatile organic compounds (VOC) (collected eight times a year); groundwater quality parameters (collected twice a year); and EPA interim primary drinking water parameters (collected a total of four times during the 1991-1992 period). This schedule was implemented through the end of 1992. The groundwater indicator parameter data collected before the expanded sampling in support of the RFI program are described below.

A review of the contamination indicator parameter results from each of the LLWSA sand and gravel unit monitoring well locations from January 1991 through July 1994 was performed to supplement the findings of the two expanded rounds. Indicator parameters include pH, specific conductance, NPOC, and total organic halogens (TOX). Those results are provided in Appendix C.

The indicator results for wells monitoring the LLWSA are either similar to or less than background.

A review of VOC and semivolatile organic compound (SVOC) data before the initiation of the expanded groundwater characterization program revealed no SVOC or pesticide/PCB detections for the LLWSA monitoring wells. Three VOCs were detected at these wells during 1991-1992 (Table 2-4). Acetone, methyl ethyl ketone, and the RCRA hazardous constituent dichlorodifluoromethane were detected below their respective proposed Subpart S action levels at upgradient well 8607 during one sampling event in 1991. Acetone was detected below the proposed Subpart S action level at an estimated concentration of 2.0 $\mu\text{g/L}$ at downgradient well WNW0605 during one sampling event in 1991. Acetone and methyl ethyl ketone are common laboratory contaminants. Because dichlorodifluoromethane was detected during only one sampling event at a concentration below its proposed Subpart S action level, it is not believed to be representative of environmental contamination.

Several wells monitoring the LLWSA sand and gravel unit were among those selected to undergo expanded groundwater monitoring in the fourth quarter of 1993 and the second quarter of 1994. An assessment of the results of the RFI expanded program is contained in section 4.0.

3.0 Environmental Characterization

The process knowledge information, historical sampling results, and the hydrogeologic setting formed the basis for confirmatory sampling at the LLWSA. This sampling, as specified in the RFI Work Plan, WVDP-RFI-014 (West Valley Nuclear Services Co., Inc. December 16, 1993), concentrated on collecting two expanded rounds of groundwater as well as specific soil and sediment samples to supply the data necessary to evaluate the LLWSA. These media were identified in the RFI Work Plan as having the highest potential for being pathways for releases.

Field and laboratory quality control (QC) samples were collected as specified in the RFI Work Plan. Section 4.0 provides a description of the results of the quality assurance/quality control (QA/QC) samples.

Decontamination procedures followed during field sampling were in accordance with the approved procedures contained in the RFI Work Plan, WVDP-RFI-014 (West Valley Nuclear Services Co., Inc. December 16, 1993).

3.1 Sampling Activities

Subsurface Soil

Subsurface soil sampling and analyses were conducted in accordance with the protocols and procedures identified in the RFI Work Plan. Subsurface soil samples were collected from three borings designed to characterize the LLWSA (BH-25, BH-29, and BH-30) and one background borehole, BH-38. (See Figs. 1-1 and 2-1.) BH-29 and BH-30 were located within the SSWMU boundaries, between LSA 3 and LSA 4, and downgradient of the old hardstand. BH-25 was located further downgradient outside of the SSWMU boundaries. Due to laboratory error, samples from BH-25 for semivolatile analyses had to be recollected and these were designated BH-25R. Table 3-1 shows the borehole depths and the parameters analyzed. The sample depth intervals, total organic vapor, real-time radiation readings, and the percent recovery within each split-spoon sample were recorded on borehole logs in Appendix A. The borehole sampling program is summarized in Table B-7 of the RFI Work Plan.

No volatile organic vapors or radioactivity were detected above background by the field monitoring instruments during the drilling program. All samples were packaged and shipped to EcoTek LSI. The samples were analyzed in accordance with the standard and recommended procedures identified in the RFI Work Plan for target compound list (TCL) and target analyte list (TAL) parameters.

Sediment

Sediment sampling and analyses were conducted in accordance with the protocols and procedures identified in the RFI Work Plan. Sediment samples were collected from two locations (ST-37 and ST-38) near the LLWSA and one background location, ST-26. ST-37 was located in a drainage ditch northwest of LSA 1, while ST-38 was located in a drainage ditch downgradient of LSAs 3 and 4. Due to laboratory error, samples from ST-38 for semivolatile analyses had to be recollected and were designated ST-38R. Sampling locations are shown on Figure 2-1.

Surface Water

Surface water samples were not collected during this RFI since sediment sampling was believed to be a better indicator of possible past releases to the surface water pathway and surface water sampling was not proposed in the RFI Work Plan.

Groundwater

The 1991 and 1992 facility-wide groundwater data were evaluated using the EPA-developed GRITS/STAT software (November 1992), process knowledge, and hydrogeologic information to determine the presence of contaminants in facility groundwater. That evaluation resulted in the selection of specific wells at which two rounds of expanded characterization were performed in accordance with the RFI Work Plan. Characterization was conducted at forty-nine locations during the fourth-quarter 1993 and the second-quarter 1994 sampling rounds. Groundwater was analyzed for TCL volatiles, semivolatiles, PCBs, pesticides, and TAL metals and library scans were conducted to distinguish tentatively identified compounds (TICs). The goal of expanded characterization at the LLWSA (wells WNW0406, WNW0601, WNW0602, and WNW0604) was to evaluate whether RCRA-regulated hazardous waste or hazardous constituents were released to the environment from the LLWSA and to confirm historical information indicating that groundwater has not been impacted.

Eight monitoring wells were originally proposed in the RFI Work Plan as sand and gravel unit monitoring locations for the LLWSA. Original upgradient well locations were WNW0406, WNW0408, WNW0501, and WNW0603. Well WNW8607 was substituted for locations WNW0408 and WNW0501 because it provides more comprehensive upgradient coverage of the sand and gravel unit underlying the LLWSA. Downgradient conditions at the LLWSA are monitored at locations WNW0601, WNW0602, WNW0604, and WNW0605, all of which were originally proposed in the RFI Work Plan.

The sand and gravel unit background wells are WNW0301, WNW0401, and WNW0706. The use of these wells represents a change from the RFI Work Plan, which identified well NB1S as the north plateau background well. It recently has been determined that wells WNW0301, WNW0401, and WNW0706 are more appropriate wells for assessing background conditions in the sand and gravel unit because NB1S was completed close to bedrock and reflects bedrock groundwater chemistry more closely than it reflects the chemistry of groundwater in the sand and gravel unit. Wells WNW0301, WNW0401, and WNW0706 are located upgradient of all SSWMUs and are now considered more appropriately located than NB1S, both aerially and stratigraphically, to monitor groundwater in the sand and gravel unit.

Well WNW8607 is a 4-inch I.D. slotted polyvinyl chloride (PVC) installation with a 5-foot-long screen. The other wells are 2-inch I.D. wire-wound channel pack installations constructed of Type 304 stainless steel; the well screens are either 5 or 10 feet in length. Specifications for the LLWSA monitoring array are contained in Table 3-2 and the borehole logs and well schematics are contained in Appendix B.

4.0 Resource Conservation and Recovery Act Facility Investigation Results

4.1 Groundwater

Expanded Groundwater Evaluation: Fourth Quarter 1993 and Second Quarter 1994

Based on the statistical evaluation of 1991 and 1992 radiometric and nonradiometric contamination indicator parameters, and based on process knowledge, four of the seven wells monitoring this unit were selected for expanded characterization. Upgradient well WNW0406 and downgradient wells WNW0601, WNW0602, and WNW0604 were the locations monitoring the LLWSA selected for expanded characterization (Dames and Moore September 1993).

Groundwater from these wells was analyzed for TCL VOCs, TCL SVOCs, pesticides and PCBs, and TAL metals during the expanded groundwater characterization that was conducted during the fourth quarter of 1993 and the second quarter of 1994. The analytical results are provided in Appendix D and are summarized below.

- Volatile Organic Compounds

There were no detected VOCs in any of the LLWSA monitoring wells during the fourth quarter of 1993 or the second quarter of 1994 (Figure 4-1).

- Semivolatile Organic Compounds

There were no detected SVOCs in any of the LLWSA monitoring wells during the fourth quarter of 1993 or the second quarter of 1994.

- Pesticides/PCBs

No pesticides or PCBs were detected in any of the LLWSA monitoring wells during the fourth quarter of 1993 or the second quarter of 1994.

- Target Analyte List Metals

The RCRA-regulated hazardous constituents arsenic, barium, cadmium, chromium, lead, and nickel were detected in some LLWSA monitoring wells during the expanded program. TAL metals results (Tables 4-1 and 4-2) were below proposed Subpart S action levels for all RCRA-regulated hazardous constituent metals with the exception of chromium in downgradient wells WNW0601 and WNW0602, lead in downgradient well WNW0601, and nickel in downgradient wells WNW0601, WNW0602, and WNW0604.

Chromium was above the proposed Subpart S action level of 100 $\mu\text{g/L}$ total chromium at well WNW0601 during the fourth quarter of 1993 and the second quarter of 1994 at concentrations of 692 $\mu\text{g/L}$ and 286 $\mu\text{g/L}$, respectively. Chromium was also above the proposed Subpart S action level at well WNW0602 during the second quarter of 1994 at a concentration of 188 $\mu\text{g/L}$, but was below the proposed Subpart S level during the fourth quarter of 1993 at 33 $\mu\text{g/L}$. All of the chromium detections were within site background ranges with the exception of the fourth-quarter 1993 result at well WNW0601 (692 $\mu\text{g/L}$). This may be due to observed natural variations across the site.

Lead was detected at well WNW0601 at a concentration of 16 $\mu\text{g/L}$, which was slightly above the proposed Subpart S action level of 5 $\mu\text{g/L}$, during the fourth quarter of 1993 but was not detected during the second quarter of 1994.

Levels of nickel in wells WNW0601, WNW0602, and WNW0604 exceeded the proposed Subpart S action level of 100 $\mu\text{g/L}$ during one (WNW0601 or WNW0602) or both (WNW0604) expanded sampling rounds. At well WNW0601, nickel was detected at 533 $\mu\text{g/L}$ during the fourth quarter of 1993 but was below the action level during the second quarter of 1994. Nickel at well WNW0602 was slightly above the proposed Subpart S action level during the second quarter of 1994 at 108 $\mu\text{g/L}$, but was below the action level during the fourth quarter of 1993. At well WNW0604, nickel concentrations were above the proposed Subpart S action levels during both expanded sampling rounds at 146 $\mu\text{g/L}$ and 150 $\mu\text{g/L}$. Nickel was also found upgradient of SSWMU #6 at concentrations below the proposed Subpart S action level. Because other wells in the sand and gravel unit show similar detections, a release from the LLWSA is not thought to be indicated.

A statistical analysis of arsenic, barium, cadmium, chromium, mercury, lead, silver, and selenium concentrations in LLWSA sand and gravel monitoring locations is depicted in Appendix E. The samples were taken from these locations during routine and expanded groundwater monitoring from 1991 to the present. This list represents metals analyzed at the site since 1991 and for which a large enough population exists to perform statistics. Since antimony, beryllium, and nickel were only analyzed during the two expanded rounds, they were not part of the statistical analysis. The 99% confidence intervals, which are shown as vertical bars around a mean tick point (tick mark on bar), were constructed using GRITS/STATS software (U.S. Environmental Protection Agency November 1992).

Wells with confidence intervals having lower limits exceeding upper limits of background confidence intervals statistically indicate groundwater concentrations are not within background intervals. Wells that show confidence intervals overlapping background confidence intervals can be considered to have metals concentrations similar to background wells (U.S. Environmental Protection Agency 1989; November 1992; Davis 1986).

It is important to note that 1) all results represent analyses of unfiltered samples and represent total metals, 2) the data units are micrograms per liter ($\mu\text{g/L}$), 3) the number of results from a given location range from four to six depending on whether or not that location was included in the 1993 to 1994 expanded program, and 4) the results were obtained from different analytical laboratories under different data validation objectives over time.

A review of this statistical comparison (Appendix E) indicates that groundwater downgradient of the LLWSA does not appear to have been impacted by the unit for these metals. The illustrated ranges of concentrations represent natural variations in levels of these metals across the site.

The confidence intervals for lead at well WNW0605 and chromium at well WNW0601 reflect a larger standard deviation as compared to the other wells. These intervals were heavily influenced by results that were significantly different compared to the remaining data. In 1992, significantly different results occurred for lead at well WNW0605 and for chromium at well WNW0601.

4.2 Soil

The results of the soil program conducted during 1993 at the LLWSA are summarized below.

4.2.1 Deep Soil Drilling Program

Samples from three boreholes were collected to characterize LLWSA deep soils. BH-29 and BH-30 were located within the SSWMU boundaries, between LSA 3 and LSA 4, and downgradient of the old hardstand. BH-25 was located further downgradient, outside of the SSWMU boundaries (Fig. 2-1). The background borehole is BH-38 (Fig. 1-1).

Samples were collected as described in the RFI Work Plan and the samples were analyzed for TCL VOCs, TCL SVOCs, and TAL metals (Appendix F).

- Volatile Organic Compounds

Soils taken from the 12- to 14-foot interval from BH-25, the 6- to 8-foot and 10- to 12-foot intervals from BH-29, and the 10- to 12-foot interval from BH-30 were analyzed for TCL VOCs (Appendix F).

One RCRA-regulated hazardous constituent VOC was detected at these boreholes. At BH-30 (10- to 12-ft interval) carbon tetrachloride was detected at an estimated concentration of 1.3 $\mu\text{g}/\text{kg}$. This detection was below its proposed Subpart S action level (Appendix F).

- Semivolatile Organic Compounds

Soils from the 12- to 14-foot interval at BH-25 were analyzed for TCL SVOCs (Appendix F). Because of laboratory error, SVOCs had to be resampled at BH-25. The new location was positioned within 1.5 meters of the initial borehole and was designated BH-25R. The SVOC di-n-butyl phthalate was detected at an estimated concentration of 128.1 $\mu\text{g}/\text{kg}$ at BH-25R (12- to 14-ft interval). This compound is a common laboratory contaminant.

- Target Analyte List Metals

Soil from each depth interval selected for analysis, at every LLWSA borehole, was analyzed for TAL metals (Table 4-3).

No RCRA-regulated hazardous constituent metals were detected above proposed Subpart S action levels except beryllium in all samples. In all instances, beryllium concentrations were below the WVDP benchmark level and are representative of background conditions across the site.

4.2.2 Stream/Ditch Sediment Sampling

Stream and ditch sediment sampling performed at locations ST-37 and ST-38 was designed to evaluate whether chemical contaminants were introduced to surface water passages that drain the LLWSA and contiguous area (Fig. 2-1). The background sediment location is ST-26. ST-37 was located in a drainage ditch northwest of LSA 1, while ST-38 was located in a drainage ditch downgradient of LSAs 3 and 4. Because of laboratory error, the sample from ST-38 for semivolatile analysis had to be recollected and was designated ST-38R.

Sampling was conducted in accordance with the RFI Work Plan. Silt and mud deposits in the stream channels were sampled rather than coarse-grained sediments since potential radioactive and chemical contaminants are more likely to associate with these fine-grained sediments through ion-exchange and sorption processes. The sediment collected from locations ST-37 and ST-38 was analyzed for TAL metals and TCL SVOCs and sediment was also analyzed for TCL VOCs at the ST-38 location.

- Volatile Organic Compounds

The results of the TCL VOC analysis at ST-38 are contained in Appendix F. Ethylbenzene, a non-RCRA hazardous constituent, was detected below the method detection limit at an estimated concentration of 4.3 $\mu\text{g}/\text{kg}$ in ST-38. This concentration was below the proposed Subpart S action level for soil. Ethylbenzene was not detected in sediment samples collected at other locations in this drainage pathway and may be associated with residual runoff from roadways.

- Semivolatile Organic Compounds

The results of the TCL SVOCs analyzed at ST-37 and ST-38 are contained in Appendix F. Ten SVOCs were detected at ST-37. These were polycyclic aromatic hydrocarbons (PAHs) for which no proposed Subpart S action levels exist. Three of the PAHs were detected at estimated concentrations above NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046 recommended clean-up objectives (New York State Department of Environmental Conservation January 24, 1994). These RCRA-regulated hazardous constituents included benzo-a-anthracene at 413 $\mu\text{g}/\text{kg}$, benzo-a-pyrene at 565.5 $\mu\text{g}/\text{kg}$, and chrysene at 604.9 $\mu\text{g}/\text{kg}$. The TAGM 4046 recommended clean-up objectives for these three compounds are 224 $\mu\text{g}/\text{kg}$ (benzo-a-anthracene), 61 $\mu\text{g}/\text{kg}$ (benzo-a-pyrene), and 400 $\mu\text{g}/\text{kg}$ (chrysene). These detections appear to be effected by the nearby roadway.

Five SVOCs, three of which (benzo-a-anthracene, chrysene, and fluoranthene) are RCRA-regulated hazardous constituents, were detected at ST-38R. The five compounds are PAHs detected at estimated concentrations. These compounds do not have proposed Subpart S action levels; however, all concentrations were below their respective TAGM 4046 clean-up objectives.

- Target Analyte List Metals

Among the metals results, the RCRA-regulated hazardous constituent beryllium was detected at both locations above the proposed Subpart S action level, but the concentrations fell within the expected site background range. This was the only RCRA-regulated hazardous constituent metal detected above proposed Subpart S action levels (Table 4-4).

4.2.3 Shallow Soil Sampling

On June 16, 1994, one surface soil sample was collected from the area of the former LSA 2 structure following its disassembly.

The sampling location was identified by radiological field screening and by historical knowledge. The sample was analyzed for TCL VOCs, TCL SVOCs, and TAL metals.

With the exception of the common laboratory contaminants acetone and di-n-butyl phthalate, no VOCs or SVOCs were detected. No metals concentrations were found above their proposed Subpart S action levels and all were within the expected site background range.

4.2.4 Quality Assurance/Quality Control Summary

Field quality assurance (QA) audits were performed during execution of the RFI field activities. The surveillances revealed that the work was conducted in conformance with the RFI Work Plan.

Field quality control (QC) samples used to evaluate sampling techniques included trip blanks, equipment blanks, and field duplicates.

Laboratory QC Review

Data for the soils program and two expanded groundwater monitoring rounds were validated using the guidelines contained in the RFI Work Plan. Data qualifying flags have been applied to data points that are associated with QC anomalies. The data qualifying flags provide the data user with guidance regarding the use of the data. The following data qualifiers have been used in the data tables contained in Appendix D and the Key to Analyte Abbreviations.

"U" - The data entry should be treated as not detected above the reporting limit.

"J" - The data entry should be considered quantitatively biased or inaccurate; however, the data are usable as presented.

"UJ" - The data entry should be considered not detected. Although the detection limit may be imprecise or inaccurate, the data are usable as presented.

"R" - The data entry is qualitatively or quantitatively unreliable.

"F" - The data point is subject to interferences that in the professional judgement of the reviewer requires special consideration by the data user although not subject to qualification under normal validation protocols. The data should be used only as detailed in the validation report.

For the overall program, the data meet the QA objectives as defined in the RFI Work Plan.

Precision and accuracy criteria were met with few exceptions. Data qualifying flags have been applied to any data associated with QC results that fail to meet acceptance criteria.

The completeness for the overall soils program as defined by being usable (non-"R" flagged) data was greater than 98.0% for all parameters requested, as shown in Table 4-5. The completeness for the two expanded groundwater monitoring rounds was 98.0% for the fourth-quarter 1993 round and greater than 96.0% for the second-quarter 1994 round, respectively, for all parameters requested.

Complete data validation reports for groundwater and soil/sediment samples collected during the RFI were submitted to NYSDEC and the EPA in February 1995.

THIS PAGE INTENTIONALLY LEFT BLANK

5.0 Fate and Transport

The wastes managed in the LLWSA are identified in section 2.0 of this report. RCRA-regulated hazardous constituents are known to be present in these containerized materials. The following is a chemical properties and toxic profile summary of the VOCs and SVOCs that have been detected downgradient of the LLWSA during environmental sampling. (See section 3.0.)

5.1 Chemical Properties and Toxic Profile

The transport of heavy metals and other inorganic waste constituents through environmental media is regulated by physicochemical properties that determine the processes of physical sorption, ion exchange, and precipitation. Similarly, physical and chemical parameters such as water solubility, vapor pressure, and octanol-water partitioning, determine the behavior and fate of organic materials released into the environment. The extent to which any particular physicochemical parameter influences contaminant mobility is dependent in large part on such local environmental factors as pH, redox potential, temperature, and the concentration of other constituents in the media of concern. Thus, the migration of any particular contaminant tends to be highly system-specific. However, the examination of a few basic physicochemical properties can provide insight into the anticipated behavior and fate of chemicals released into the environment.

Unless otherwise noted, the information in this section was derived from the following sources: U.S. Environmental Protection Agency (December 1979), Dragun (1988), and Verschueren (1983).

Polycyclic Aromatic Hydrocarbons (PAHs): PAHs are a class of compounds characterized by molecules containing three or more fused unsaturated carbon rings. These compounds are practically insoluble in water. In general, PAHs adsorb strongly onto organic and mineral particulates; their transport through soil and water is determined largely by the hydrogeologic condition of the environmental system. The predominant fate process for PAHs dissolved in surface waters is probably direct photolysis, which occurs at a rapid rate. The ultimate fate of those that accumulate in soils or sediments is believed to be biodegradation and biotransformation by microbes and multicellular organisms. Even though these compounds are highly lipophilic (i.e., the log octanol/water partition coefficient is high) and are readily taken up across cell membranes, bioaccumulation is not a significant long-term fate process since PAHs are readily metabolized by all organisms, including humans (Pike 1992). Based upon available information (summarized in U.S. Environmental Protection Agency December 1979), volatilization, hydrolysis, and oxidation are also unlikely to significantly influence the fate of PAHs in the environment. The PAHs detected in sediment samples are believed to be associated with nearby asphalt roadways and not to represent a release from the LLWSA.

5.2 Pathway Assessment

The most likely mechanism of contaminant transport from the LLWSA under current land-use conditions is movement through shallow groundwater in the sand and gravel unit to surface streams. Other potential pathways including surface erosion and subsequent transport, surface runoff to nearby streams, and atmospheric transport of particulates and gases are unlikely under current conditions due to routine maintenance and the nature of the wastes.

Beneath the LLWSA, groundwater flows northeastward through the sand and gravel to discharge at seepage points along the walls of Frank's Creek valley. Because Frank's Creek in this area is incised well into the Lavery till, seepage occurs well above the brook invert and well above the perennially wet bottomland along

this watercourse. This relationship amounts to a gap in the groundwater-surface water pathway within which gap evaporation and uptake by plants should be expected to dramatically reduce the volume of groundwater that reaches Frank's Creek via this route.

The threat of exposure to soil contaminants via dermal contact is negligible since soil sampling results yielded no RCRA hazardous constituents present above Subpart S action levels except for beryllium, which is naturally elevated across the site.

Exposure is further minimized because public access to this area is restricted. The transfer of contaminants to humans through crops or through livestock is not a viable exposure route under current land use conditions.

Exposure pathways for the overall site are contained in RFI report, Volume 1, WVDP-RFI-017 (West Valley Nuclear Services Co., Inc. March 1995).

There are three human populations that represent potential receptors: 1) operator personnel working in the LLWSA; 2) other WVDP personnel; and 3) the general population surrounding the site.

The most significant route of exposure for these individuals is inhalation. Exposure via this route is anticipated to be negligible.

Based on a review of environmental monitoring data and the controlled manner in which wastes at the LLWSA are managed, exposure to the general public is not a concern for this unit.

The site boundary is at least 1,600 meters (1 mi) from the LLWSA and the nearest off-site residence is about 1,700 meters (1.1 mi) from the LLWSA. The closest point of public access to the site is Rock Springs Road, which traverses the WNYNSC to the west of the LLWSA. The population within 16 kilometers (10 mi) of the WNYNSC includes residents of both Cattaraugus and Erie counties. This information is further discussed in WVDP-RFI-017.

6.0 Conclusions and Recommendations

The purpose of the RFI was to assess the nature and extent of releases of hazardous waste or hazardous constituents as defined in Section III of the Administrative Order on Consent (Docket No. II RCRA-3008(h)-92-0202 [U.S. Environmental Protection Agency 1992]), from the LLWSA. The facility investigation was performed in a phased approach. Results of previous investigations, ongoing environmental monitoring, and process knowledge provided the basis for the focused sampling performed for the RFI. The work summarized in this report was performed in accordance with the RFI Work Plan. The data presented in the previous sections of this report were assessed to form the basis of the following conclusions and recommendations.

The waste managed in the LLWSA is containerized low-level radioactive and mixed waste. Hazardous wastes known to be stored at this unit are described in the FSFCA. A PCB spill is known to have occurred at the supercompactor as a result of crushing two small capacitors. A sampling and analysis plan addressing the PCB issue has been reviewed with the EPA and NYSDEC. This plan includes quantifying that the supercompactor has been decontaminated. The supercompactor is designed such that liquids, including oil from the capacitors, generated during compaction are collected in a container. The room where the supercompactor is located is constructed with a concrete floor that provides additional containment. Based on the design of the supercompactor and the fact that PCBs were not detected in downgradient wells, it has been determined that there has not been a release as a result of crushing the two small capacitors.

A review of the soils data indicates that several common laboratory contaminants and PAHs were detected in samples. However, all were below applicable proposed Subpart S action levels. With the exception of beryllium, all RCRA-regulated constituent metals were detected at levels below the proposed Subpart S action levels. Beryllium occurs naturally across the site at elevated levels.

A review of the groundwater data shows that no RCRA hazardous organic constituents have been detected above proposed Subpart S action levels in groundwater samples from wells monitoring the LLWSA. Three RCRA-regulated hazardous constituent metals (chromium, nickel, and lead) were found above proposed Subpart S action levels.

However, since metals data varies widely across the site, the detected concentrations are believed to represent natural variations and not believed to represent a release from this unit.

The primary migration pathway from the LLWSA is groundwater in the sand and gravel unit. Groundwater in the sand and gravel unit discharges from seeps along the edge of the north plateau into adjacent streams that flow off-site into Cattaraugus Creek and into Lake Erie. This pathway is topographically and hydraulically isolated from downgradient municipal water supplies.

The results of this RFI do not indicate the presence of a release of RCRA hazardous constituents from the LLWSA that poses a threat to human health or the environment. Under current land-use conditions and continued implementation of appropriate waste management practices, health risks to on-site personnel and the general population and significant environmental impacts from the LLWSA are remote. Based upon the RFI results, no further action under the Consent Order is deemed necessary for the LLWSA.

Alternatives for the eventual disposition of the LLWSA are described in the draft Environmental Impact Statement (EIS) for Completion of the West Valley Demonstration Project and Closure or Long-Term Management of Facilities at the Western New York Nuclear Service Center, which was issued in March 1996.

References

Dames & Moore. September 1993. Evaluation of 1991 and 1992 Groundwater Data in Support of the Identification of Wells to Receive Expanded Characterization. Revised October 1993. (See also Schneider, S.G. October 22, 1993. WD:93:1313.)

Davis, John C. 1986. Statistics and Data Analysis in Geology, 2nd ed. New York: John Wiley & Sons.

Dragun, J. 1988. The Soil Chemistry of Hazardous Materials. Silver Spring, MD: The Hazardous Materials Control Research Institute.

Keel, R. (WVNS) April 2, 1984. Specifications for Completion of Lagoon 1 Decommissioning and Contamination Hardstand Removal. Memo to E.G. Hess (WVNS). FB:84:0045.

Myszka, L. (WVNS) December 6, 1994. Telephone conversation with K. Keller (Dames & Moore) concerning hardstand waste storage area of SSWMU #6.

New York State Department of Environmental Conservation. January 24, 1994. Revised Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels. HWR-94-4046.

Pike, S. 1992. In *Hazardous Materials Toxicology, Clinical Principles of Environmental Health*. J.B. Sullivan and G.R. Krieger, eds. Baltimore: Williams and Wilkins.

U.S. Environmental Protection Agency. December 1979. Water-Related Environmental Fate of 129 Priority Pollutants. 2 vols. Washington, D.C.: Office of Water Planning and Standards. EPA-440/4-79-029a and EPA-440/4-79-029b.

_____. 1989. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities. Office of Solid Waste, Waste Management Division. EPA/530-SW-89-026.

_____. 1992. Region II, Administrative Order on Consent. Docket No. II, RCRA-3008(h)-92-0202. Proceeding under Section 3008(h) of the Resource Conservation and Recovery Act, as amended.

_____. November 1992. GRITS/STAT, Version 4.2. A Ground Water Information Tracking System with Statistical Analysis Capability. EPA/625/11-91/002.

Verschueren, K. 1983. Handbook of Environmental Data on Organic Chemicals. New York: Van Nostrand Reinhold.

West Valley Nuclear Services Co., Inc. November 28, 1990. Operation of the Radioactive Waste Compactor. SOP-80-05, Rev. 1.

_____. December 1990. Initial Assessment: Soil Characterization at Specific Waste Storage Areas, West Valley Demonstration Project, Tiger Team Finding 4.3.2. (See also Roberts, C.J. January 3, 1991. WD:91:0004.)

References *(concluded)*

_____. June 12, 1992. Resource Conservation and Recovery Act Closure Plan, Lag Storage Building. WVDP-147 Rev.0. (Attachment to letter HF:92:0699.)

_____. January 8, 1993. Attachment F, WVDP RCRA Part A Permit Application (See also Krieger, L.E. January 8, 1993. Letter to L. Karmel and S. Schneider. BF:93:0005.)

_____. February 1993. West Valley Demonstration Project Part A Permit Application. (See also Krieger, L.E. April 13, 1993. BF:93:0038.)

_____. July 1994. Attachment C, West Valley Demonstration Project Inventories and Descriptions Based on Historical and Process Knowledge Pursuant to Section 7.2.2 of the Federal and State Facility Compliance Agreement (FSFCA), Docket No. II, RCRA-93-0207. (Also referred to as the FSFCA Historical Waste Report.) (See also Klanian, P. S. July 20, 1994. Letter to T. J. Rowland. IH:94:0053.)

_____. December 16, 1993. West Valley Demonstration Project RCRA Facility Investigation (RFI) Work Plan, West Valley, New York. WVDP-RFI-014, Rev. 0.

_____. March 1995. Draft RCRA Facility Investigation (RFI) Report, Volume 1: Introduction and General Site Overview, West Valley Demonstration Project, West Valley, New York. WVDP-RFI-017, Rev. 0. (See also Krieger, L.E. March 27, 1995. Letter to T.J. Rowland. WD:95:0260-RFI.)

Table 2-1

1990 Metals Concentrations in Soil from the Lag Storage Buildings (ppb)

Sample Hole #	Ag	As	Ba	Cd	Cr	Hg	Pb	Se
1	<2.0	4.9	910	<1.0	14.8	<0.5	<10.3	NA
2	<2.9	12.4	129	<1.0	17.6	<0.5	<9.8	NA
3	<2.9	7.8	752	<1.0	13.4	<0.5	<9.8	NA
4	<4.2	NA	<168	<1.7	15.6	NA	<16.8	NA
5	<5.0	NA	<198	<2.0	27.0	NA	<19.8	NA
6	<4.9	NA	<198	<2.0	30.5	NA	<19.9	NA
8	<2.9	10.2	2280	<1.0	<9.7	<.05	<9.7	NA
9	<3.0	8.2	290	<1.0	13.3	<.05	<9.8	NA
10	<5.1	NA	<205	<2.0	32.6	NA	<20.0	NA
11	<2.8	7.2	326	<0.9	10.8	<.05	<9.4	NA
7	<2.8	5.0	178	<1.0	<9.5	<.05	<9.5	NA
14	<3.0	9.5	629	<1.0	13.6	<.05	<10.0	NA
13	<2.9	9.7	1670	1.2	13.4	<.05	12.9	NA
15	<4.8	NA	<190	<1.9	29.4	NA	<19.0	NA
15	<4.7	NA	<188	<1.9	23.0	NA	<18.8	NA

NA - Not analyzed

SOURCE: Initial Assessment: Soil Characterization at Specific Waste Storage Areas (West Valley Nuclear Services Co., Inc. December 1990).

Table 2-1 (concluded)

1990 Metals Concentrations in Soil from the Lag Storage Buildings (ppb)

Sample Hole #	Ag	As	Ba	Cd	Cr	Hg	Pb	Se
12	<4.2	NA	226	<1.7	28.5	NA	<22.6	NA
27	<3.0	7.3	157	NA	10.9	<.05	<10.0	NA
25	<2.6	3.9	109	1.3	9.8	<.05	12.0	NA
16	<4.8	NA	<193	<1.9	24.3	NA	<19.3	NA
16	<4.2	NA	<169	<1.7	22.9	NA	<16.9	NA
24	<3.0	15.5	235	<1.0	<10.1	<0.5	12.1	NA
23	<2.6	7.9	1300	1.6	10.8	<0.5	9.9	NA
26	<4.6	7.8	225	<1.9	17.4	NA	<22.5	NA
BTWN 18-24	<4.6	NA	<185	<1.9	15.3	NA	<18.5	NA
BTWN18-24	<4.4	NA	<175	<1.8	13.5	NA	<17.5	NA
19	<2.6	NA	114	0.9	11.9	<0.5	11.4	NA
20	<3.0	10.6	290	1.5	31.5	<0.5	15.1	NA
18	<4.3	NA	<174	<1.7	23.7	NA	<17.4	NA
22	<2.9	8.7	520	<0.9	22.8	<0.5	18.9	NA
24	<2.6	14.6	84	<0.9	14.0	<0.5	17.1	NA
17	<2.8	7.1	660	1.2	10.6	<0.5	9.5	NA
21	<2.8	4.5	180	<0.9	38.0	<0.5	15.0	NA

NA - Not analyzed

SOURCE: Initial Assessment: Soil Characterization at Specific Waste Storage Areas (West Valley Nuclear Services Co., Inc. December 1990).

RFI:0003012.RM

Table 2-2

1990 EP-Toxicity Metal Extract Concentrations from Soils from the Lag Storage Buildings (ppb)

Sample Hole #	Ag	As	Ba	Cd	Cr	Hg	Pb	Se
1	<0.1	0.25	46	<0.05	0.7	<0.02	<0.5	NA
2	<0.1	0.62	6	<0.05	0.9	<0.02	<0.5	NA
3	<0.1	0.39	38	<0.05	0.7	<0.02	<0.5	NA
4	<0.2	NA	<8	<0.09	0.8	<0.02	<0.8	NA
5	<0.2	NA	<10	<0.1	1.4	NA	<1	NA
6	<0.2	NA	<10	<0.1	1.5	NA	<1	NA
8	<0.1	0.51	114	<0.05	<0.5	<0.02	<0.5	NA
9	<0.2	0.41	15	<0.05	0.7	<0.02	<0.5	NA
10	<0.3	NA	<10	<0.1	1.6	NA	<1	NA
11	<0.2	0.36	16	<0.05	0.5	<0.02	<0.5	NA
7	<0.2	0.25	9	<0.05	<0.5	<0.02	<0.5	NA
14	<0.2	0.48	31	<0.05	0.7	<0.02	<0.5	NA
13	<0.2	0.49	84	0.06	0.7	<0.02	0.6	NA
15	<0.2	NA	<10	<0.1	1.5	NA	<1	NA
15	<0.2	NA	<9	<0.1	1.2	NA	<1	NA
12	<0.2	NA	11	<0.09	1.4	NA	<1	NA

NA - Not analyzed

SOURCE: Initial Assessment: Soil Characterization at Specific Waste Storage Areas (West Valley Nuclear Services Co., Inc. December 1990).

RFI:0003012.RM

Table 2-2 (concluded)

1990 EP-Toxicity Metal Extract Concentrations from Soils from the Lag Storage Buildings (ppb)

Sample Hole #	Ag	As	Ba	Cd	Cr	Hg	Pb	Se
27	<0.2	0.37	8	NA	0.5	<0.02	<0.5	NA
25	<0.2	0.20	5	0.07	0.5	<0.02	0.6	NA
16	<0.2	NA	<10	<0.1	1.2	NA	<1	NA
16	<0.2	NA	<8	<0.09	1.1	NA	<0.9	NA
24	<0.2	0.88	12	<0.05	<0.5	<0.02	0.6	NA
23	<0.1	0.40	65	0.08	0.5	<0.02	0.5	NA
26	<0.2	0.39	11	<0.1	0.9	NA	<1	NA
BTWN 18-24	<0.2	NA	<9	<0.1	0.8	NA	<1	NA
BTWN 18-24	<0.2	NA	<9	<0.1	0.7	NA	<1	NA
19	<0.1	NA	<6	0.05	0.6	<0.02	0.6	NA
20	<0.1	10.53	15	0.08	1.6	<0.02	0.8	NA
18	<0.2	NA	<9	<0.09	1.2	NA	<0.9	NA
22	<0.1	0.44	26	<0.08	1.1	<0.02	0.9	NA
24	<0.1	10.73	4	<0.08	0.7	<0.02	0.9	NA
17	<0.1	0.36	33	0.06	0.5	<0.02	0.5	NA
21	<.01	0.23	9	<0.08	1.9	<0.02	0.8	NA

NA - Not analyzed

SOURCE: Initial Assessment: Soil Characterization at Specific Waste Storage Areas (West Valley Nuclear Services Co., Inc. December 1990).

RFI:0003012.RM

Table 2-3

Historical Routine Groundwater Sampling and Analysis Parameters

<p>Contamination Indicator Parameters (Originally sampled eight times a year; currently sampled four times a year)</p>	<p>pH¹ Conductivity¹ Total Organic Carbon (TOC)² Total Organic Halogens (TOX) Gross Alpha Gross Beta Tritium Gamma Isotopic Scan Appendix IX Volatile Organic Analysis (VOA)</p>
<p>Groundwater Quality Parameters (Analyzed twice a year)</p>	<p>Aluminum³ Silica³ Ammonia Sodium Bicarbonate/Carbonate Sulfate Calcium Sulfide³ Chloride Iron Magnesium Manganese Nitrate + Nitrite-N Phenols Phosphate³ Potassium</p>
<p>Expanded Characterization Parameters for Project Monitoring Locations Only (Completed 4th Quarter 1993 and 2nd Quarter 1994)</p>	<p><u>Schedule A (43 locations)</u> Target Compound List (TCL) Radioisotopic</p> <p><u>Schedule B (6 locations)</u> Modified Appendix IX⁴ (40 CFR Part 264) Radioisotopic</p> <p><u>Schedule C (2 locations)</u> Modified Appendix IX⁴ Radioisotopic Tributyl phosphate (TBP) N-dodecane</p> <p><u>Schedule I (3 locations)</u> Radioisotopic only</p>

¹ Field measurement.

² Includes nonpurgeable organic carbon (NPOC) only.

³ Analyses performed only once during 1993 because parameters were added to the schedule at mid-year.

⁴ Does not include polychlorinated dibenzo-p-dioxins (PCDDs) or polychlorinated dibenzofurans (PCDFs).

Table 2-4

1991 to 1992 Groundwater Volatile Detections at the Low-level Waste Storage Area

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flag
WNW0605	acetone	11/25/91	91-11432	2.00	µg/L	J
WNW0706	acetone	12/02/91	91-11689	3.00	µg/L	J
WNW8607	acetone	07/09/91	91-05925	42.00	µg/L	
WNW8607	acetone	07/09/91	91-05925	170.00	µg/L	
WNW8607	dcdfmeth	07/09/91	91-05925	5.00	µg/L	
WNW8607	mek	07/09/91	91-05925	62.00	µg/L	
WNW8607	mek	07/09/91	91-05925	280.00	µg/L	

J - Estimated Value

Table 3-1

1993 Soil and Sediment Sample Locations and Analysis at the Low-level Waste Storage Area

Location	Borehole Depths	TCL VOA	TCL SVOA	TCLs Metal	TCL Pesticides/PCBs
BH-25, surface	0-2 ft	-	-	1	-
BH-25, sat	12-14 ft	1	1	1	-
BH-29, surface	0-2 ft	-	-	1	-
BH-29, sat	06-08 ft	1	-	1	-
BH-29, sat	10-12 ft	1	-	1	-
BH-30, sat	10-12 ft	1	-	1	-
Bkgd. surface (BH-38)	0-02 ft	-	-	1	-
Bkgd. sat (BH-38)	12-14 ft 26-28 ft	3(2)	3(2)	3(2)	3(2)
ST-26	NA	1	1	1	-
ST-37	NA	-	1	1	-
ST-38	NA	1	1	1	-

1) Numbers in parentheses reflect changes made to the original program.

TCL - Target Compound List

VOA - Volatile Organic Analysis

SVOA - Semivolatile Organic Analysis

PCBs - Polychlorinated biphenyls

NA - Not Applicable

SOURCE: RCRA Facility Investigation (RFI) Work Plan (West Valley Nuclear Services Co., Inc. December 16, 1993).

Table 3-2

Specifications of Wells Monitoring the Low-level Waste Storage Area

Well ID	Well Position	Unit Screened	Well Depth (ft)	Screen Length (ft)	Bladder Intake Depth (ft)	Well Construction
WNW0301	Sand & Gravel Background	Sand & Gravel	13.0	5.0	Bailer	SS
WNW0401	Sand & Gravel Background	Sand & Gravel	17.0	10.0	16.5	SS
WNW0706	Sand & Gravel Background	Sand & Gravel	11.0	5.0	Bailer	SS
WNW0601	Downgradient	Sand & Gravel	6.0	2.0	Bailer	SS
WNW0602	Downgradient	Sand & Gravel	13.0	5.0	Bailer	SS
WNW0603	Downgradient	Sand & Gravel	13.0	5.0	Bailer	SS
WNW0604	Downgradient	Sand & Gravel	11.0	5.0	10.3	SS
WNW0605	Downgradient	Sand & Gravel	11.0	5.0	Bailer	SS
WNW0406	Upgradient	Sand & Gravel	16.8	5.0	Bailer	SS
WNW8607	Downgradient	Sand & Gravel	17.6	5.0	15.7	PVC

SS - Stainless Steel

PVC - Polyvinyl Chloride

Table 4-1

Fourth-Round 1993 Target Analyte List Metals Concentrations in Sand and Gravel
 Monitoring Wells at the Low-level Waste Storage Area ($\mu\text{g/L}$)

Analyte	WNW0406	WNW0601	WNW0602	WNW0603	WNW0604	WNW0605	WNW8607	SG-BKGD
Aluminum	2,270.00	10,400.00	2,480.00	1,460.00	< 90.00	867.00	200.00	9,600.00
Antimony	< 3.00	< 3.00	< 3.00	NA	< 3.00	NA	NA	NA
Arsenic	< 3.00	< 3.00	< 3.00	NA	3.00	NA	NA	NA
Barium	116.00	83.10	158.00	NA	76.30	NA	NA	NA
Beryllium	< 3.00	< 3.00	< 3.00	NA	< 3.00	NA	NA	NA
Cadmium	< 0.20	0.20	0.20	NA	< 0.20	NA	NA	NA
Calcium	93,400.00	57,900.00	104,000.00	153,000.00	68,800.00	57,700.00	115,000.00	175,000.00
Chromium	< 10.00	692.00	33.00	NA	13.60	NA	NA	NA
Cobalt	< 20.00	< 20.00	< 20.00	NA	< 20.00	NA	NA	NA
Copper	< 10.00	19.80	< 10.00	NA	20.40	NA	NA	NA
Iron	2,350.00	23,500.00	4,370.00	2,620.00	4,090.00	2,160.00	111.00	16,700.00
Lead	2.00	16.00	3.00	NA	< 2.00	NA	NA	NA
Magnesium	13,000.00	9,020.00	12,700.00	21,800.00	10,700.00	8,470.00	14,500.00	19,100.00
Manganese	3,630.00	508.00	5,150.00	533.00	18,600.00	51.00	5.00	411.00
Mercury	< 0.20	< 0.20	< 0.20	NA	< 0.20	NA	NA	NA
Nickel	< 30.00	533.00	59.00	NA	146.00	NA	NA	NA
Potassium	3,050.00	2,560.00	2,120.00	2,200.00	1,030.00	1,780.00	2,330.00	3,760.00
Selenium	< 3.00	< 3.00	< 3.00	NA	< 3.00	NA	NA	NA
Silver	< 0.20	< 0.20	< 0.20	NA	< 0.20	NA	NA	NA
Sodium	14,200.00	23,900.00	54,500.00	8,100.00	7,370.00	23,500.00	14,500.00	155,000.00
Thallium	< 3.00	< 3.00	< 3.00	NA	< 3.00	NA	NA	NA
Vanadium	< 20.00	< 20.00	< 20.00	NA	< 20.00	NA	NA	NA
Zinc	13.50	59.30	19.40	NA	15.80	NA	NA	NA

NA - Not analyzed.

< - Not detected.

SG-BKGD is the highest value from wells WNW0301, WMW0401, WNW0706.

Table 4-2

Second-Round 1994 Target Analyte List Metals Concentrations in Sand and Gravel
 Monitoring Wells at the Low-level Waste Storage Area (µg/L)

Analyte	WNW0406	WNW0601	WNW0602	WNW0603	WNW0604	WNW0605	WNW8607	SG-BKGD
Aluminum	1,170.00	610.00	5,710.00(J)	1,600.00	197.00	2,300.00	< 90.00	3,000.00
Antimony	< 6.00	< 6.00	< 6.00	NA	< 4.00	NA	NA	NA
Arsenic	< 3.00	< 3.00	< 3.00	NA	4.00	NA	NA	NA
Barium	105.00	63.00	232.00	NA	80.90	NA	NA	NA
Beryllium	< 3.00	< 3.00	< 3.00	NA	< 3.00	NA	NA	NA
Cadmium	< 0.20	< 0.20	< 0.20	NA	< 0.20	NA	NA	NA
Calcium	94,300.00	73,800.00	133,000.00	143,000.00	79,100.00	79,800.00	137,000.00	221,000.00
Chromium	< 10.00	286.00	188.00	NA	< 10.00	NA	NA	NA
Cobalt	< 10.00	< 10.00	13.00	NA	< 10.00	NA	NA	NA
Copper	< 10.00	10.00	18.00	NA	< 10.00	NA	NA	NA
Iron	2,090.00	1,820.00	10,400.00(J)	3,100.00	5,660.00	25,100.00	100.00	14,800.00
Lead	< 2.00	< 2.00	< 2.00	NA	< 2.00	NA	NA	NA
Magnesium	12,400.00	10,000.00	14,500.00	19,500.00	13,100.00	14,500.00	18,000.00	21,400.00
Manganese	3,730.00	28.00	7,630.00(J)	370.00	20,900.00	330.00	7.00	480.00
Mercury	< 0.20	< 0.20	< 0.20	NA	< 0.20	NA	NA	NA
Nickel	< 30.00	64.60	108.00	NA	150.00	NA	NA	NA
Potassium	1,990.00	1,280.00	3,080.00	1,700.00	940.00	2,700.00	2,700.00	2,100.00
Selenium	< 3.00	< 3.00	< 3.00	NA	< 3.00	NA	NA	NA
Silver	< 0.60	< 0.60	< 0.30(UJ)	NA	< 0.40	NA	NA	NA
Sodium	15,400.00	49,800.00	97,500.00(J)	8,200.00	9,080.00	26,900.00	103,000.00	185,000.00
Thallium	< 3.00	< 3.00	< 5.00	NA	< 3.00	NA	NA	NA
Vanadium	< 10.00	< 10.00	10.00	NA	< 10.00	NA	NA	NA
Zinc	31.60	13.60	436.00	NA	< 10.00	NA	NA	NA

NA - Not analyzed. (J) - Estimated value.
 < - Not detected. (UJ) - Not detected, estimated value.
 SG-BKGD is the highest value from wells WNW0301, WNW0401, WNW0706.

Table 4-3

Target Analyte List Metals Concentration Ranges in Soil from Borehole Samples from the Low-level Waste Storage Area (mg/kg)

Analyte	BH-25	BH-29	BH-30	Subpart S Action Level ¹	TAGM 4046 ²	Benchmark ³	Eastern USA Bkgd. ⁵
Aluminum	7,480 - 13,700	6,600(J) - 11,500(J)	10,800(J)	-	SB	41,700	33,000
Antimony	< 1.46(UJ) - < 1.50(J)	< 1.35(UJ) - 2.88(J)	2.7(J)	30	SB	7.62	NA
Arsenic	3.15(J) - 5.04(J)	4.21(J) - 7.21(J)	6.21(J)	80	7.5 or SB	18.18	3 - 12
Barium	48.9 - 94.4	45.1 - 103.0(J)	78.3(J)	4,000	300 or SB	417	15 - 600
Beryllium	0.33 - 0.59	0.32 - 0.58	0.45	0.2	0.16 or SB	1.98	0 - 1.75
Cadmium	< 0.24 - 0.27	< 0.22 - < 0.23	< 0.23	40	1.0 or SB	*4	0.1 - 1
Calcium	1,320 - 3,940	1,340(J) - 37,900(J)	1,910(J)	-	SB	88,200	130 - 35,000
Chromium	9.4 - 14.2	8.7 - 16.1	14.2	400	10 or SB	53.70	1.5 - 40
Cobalt	5.99 - 8.56	6.96 - 11.40	7.81	-	30 or SB	34.50	2.5 - 60
Copper	16.5 - 18.7	18.0 - 42.5	19.8(J)	-	25 or SB	74.40	1 - 50
Iron	17,100 - 21,100	19,500(J) - 25,400(J)	24,000(J)	-	2,000 or SB	80,400	2,000 - 550,000
Lead	14.2 - 26.9	14.4 - 27.6	13.5	-	SB	42.60	4 - 61 (rural) 200 - 500 (suburban)
Magnesium	2,490 - 3,180	2,560(J) - 16,100(J)	3,460(J)	-	SB	32,400	100 - 5,000
Manganese	316(J) - 730(J)	382(J) - 515(J)	364(J)	-	SB	1,458	50 - 5,000
Mercury	0.03 - 0.09	< 0.02	0.02	20	0.1	0.06	0.001 - 0.2

Target Analyte List Metals Concentration Ranges in Soil from Borehole Samples from the Low-level Waste Storage Area (mg/kg)

Analyte	BH-25	BH-29	BH-30	Subpart S Action Level ¹	TAGM 4046 ²	Benchmark ³	Eastern USA Bkgd. ³
Nickel	15.3 - 17.0	15.4 - 27.2	19.6	2,000	13 or SB	81.90	0.5 - 25
Potassium	875 - 1,230	546 - 1,900	1,140	-	SB	8,940	8,500 - 43,000
Selenium	< 0.11(UJ) - < 0.13(UJ)	< 0.10(UJ) - < 0.11(UJ)	< 0.23(UJ)	-	2 or SB	*	0.1 - 3.9
Silver	< 0.37 - < 0.38	< 0.32 - < 0.34	< 0.35	200	SB	*	NA
Sodium	85 - 103	44.3 - 99.7	43.3	-	SB	408	6,000 - 8,000
Thallium	< 0.11 - < 0.13	< 0.10(UJ) - < 0.57(UJ)	< 0.58(UJ)	-	SB	*	NA
Vanadium	8.76 - 18.30	10.3 - 16.3	14.1	-	150 or SB	63.90	1 - 300
Zinc	64.4 - 88.2	56.7(J) - 110.0(J)	85.4(J)	-	20 or SB	240	9 - 50

¹ Action levels are taken from proposed 40 CFR 264, Subpart S.

³ Benchmark = 3x highest background value. Due to natural variability in concentrations, levels are not considered to exceed background unless concentration exceeds 3x highest background value.

² Values are based on recommended soil cleanup objective from Table 4 of Appendix A of the NYSDEC TAGM 4046.

⁴ * Not applicable because site background value is a nondetect.

³ Eastern USA Background values taken from TAGM 4046, Table 4 of Appendix A.

NA - Not analyzed.
< - Nondetect.

(J) - Estimated result.
SB - Site background.

(UJ) - Not detected, estimated value.

Table 4-4

**Target Analyte List Metals Concentration Ranges in Stream Sediment Samples from the
Low-level Waste Storage Area (mg/kg)**

Analyte	ST-37	ST-38	Subpart S Action Levels ¹	TAGM 4046 ²	Benchmark ³	Eastern USA Background ⁵
Aluminum	8,060	17,000	-	SB	34,800	33,000
Antimony	< 1.81	6.14(J)	30	SB	* ⁴	NA
Arsenic	15.4	2.87(J)	80	7.5 or SB	46.50(R)	3-12
Barium	76.8	239(J)	4,000	300 or SB	216.30	15-600
Beryllium	0.42	0.80	0.2	0.16 or SB	1.74	0-1.75
Cadmium	0.39	1.13	40	1.0 or SB	*	0.1-1.0
Calcium	43,800(J)	7,570	-	SB	6,630(J)	130-35,000
Chromium	15.5	23.2(J)	400	10 or SB	46.80	1.5-40
Cobalt	6.11	23.1(J)	-	30 or SB	31.20	2.5-60
Copper	26.0	101	-	25 or SB	42.90	1-50
Iron	16,500(J)	49,100(J)	-	2,000 or SB	57,900(J)	2,000-550,000
Lead	22.1	92.7(J)	-	SB	66.60	4-500
Magnesium	6,770(J)	5,640	-	SB	8,790(J)	100-5,000
Manganese	509(J)	2,670	-	SB	1,179(J)	50-5,000
Mercury	< 0.11	0.31	20	0.1	*	0.001-0.2
Nickel	17.9	53.6(J)	2,000	13 or SB	54.00	0.5-25
Potassium	1,610	2,540	-	SB	5,100	8,500-43,000
Selenium	0.28	0.45(J)	-	2 or SB	*	0.1-3.9
Silver	< 0.45(UJ)	< 0.72	200	SB	*	NA
Sodium	161(J)	235(J)	-	SB	447(J)	6,000-8,000
Thallium	< 0.15	< 0.25	-	SB	*	NA
Vanadium	16.0	24.4	-	150 or SB	54.30	1-300
Zinc	510(J)	478(J)	-	20 or SB	1035.00(J)	9-50

¹ Action levels are taken from proposed 40 CFR 264, Subpart S.

² Values are based on recommended soil cleanup objective from Table 4 of Appendix A of the NYSDEC TAGM 4046.

³ Due to natural variability in concentrations, levels are not considered to exceed background unless 3x > highest background value.

⁴ * Not applicable because site background value is a nondetect.

⁵ Eastern USA Background values taken from TAGM 4046, Table 4 of Appendix A.

(J) - Estimated values.

(UJ) - Not detected, estimated value.

NA - Not Analyzed.

< - Nondetect.

(R) - Unreliable.

Table 4-5

Completeness of Analytical Results from the 1993 Soils Sampling Program

	Radiometric Results			
	Borehole	Surface Soil	Stream Sediment	TOTALS
Activity	100.0%	100.0%	100.0%	100.0%
	Nonradiometric Results			
	Borehole	Surface Soil	Stream Sediment	TOTALS
TCL Volatiles	98.9%	95.6%	94.8%	98.2%
TCL Pest./PCBs	100.0%	100.0%	100.0%	100.0%
TCL Metals	99.2%	99.4%	99.2%	99.2%
TCL Semivolatiles	100.0%	99.6%	100.0%	99.9%
TOTALS	99.3%	99.0%	98.0%	99.2%

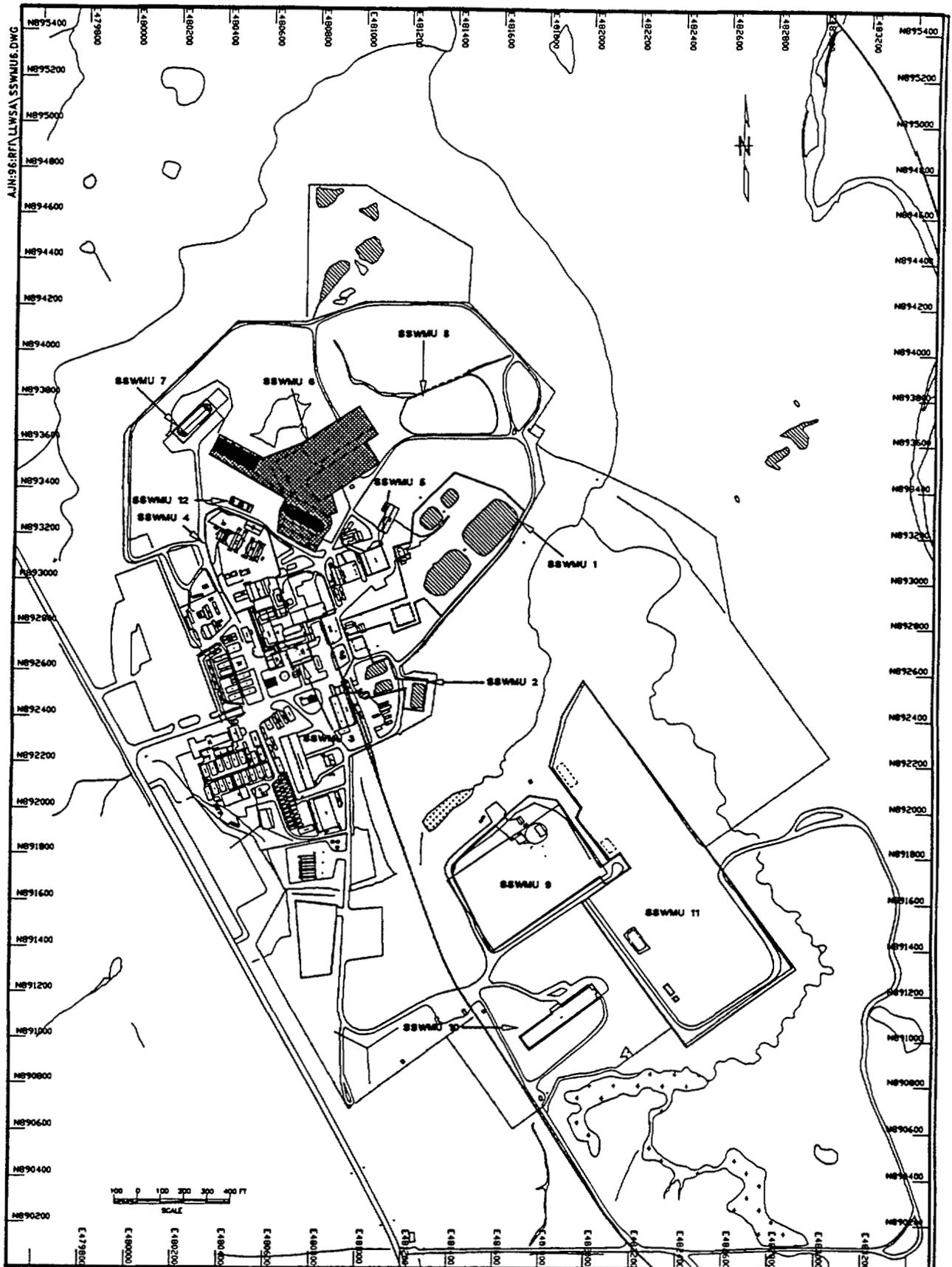


Figure 1-1. LLWSA (SSWMU #6) Location Map

A:\N:\95\RFI\LLWSAR\FIELD.DWG

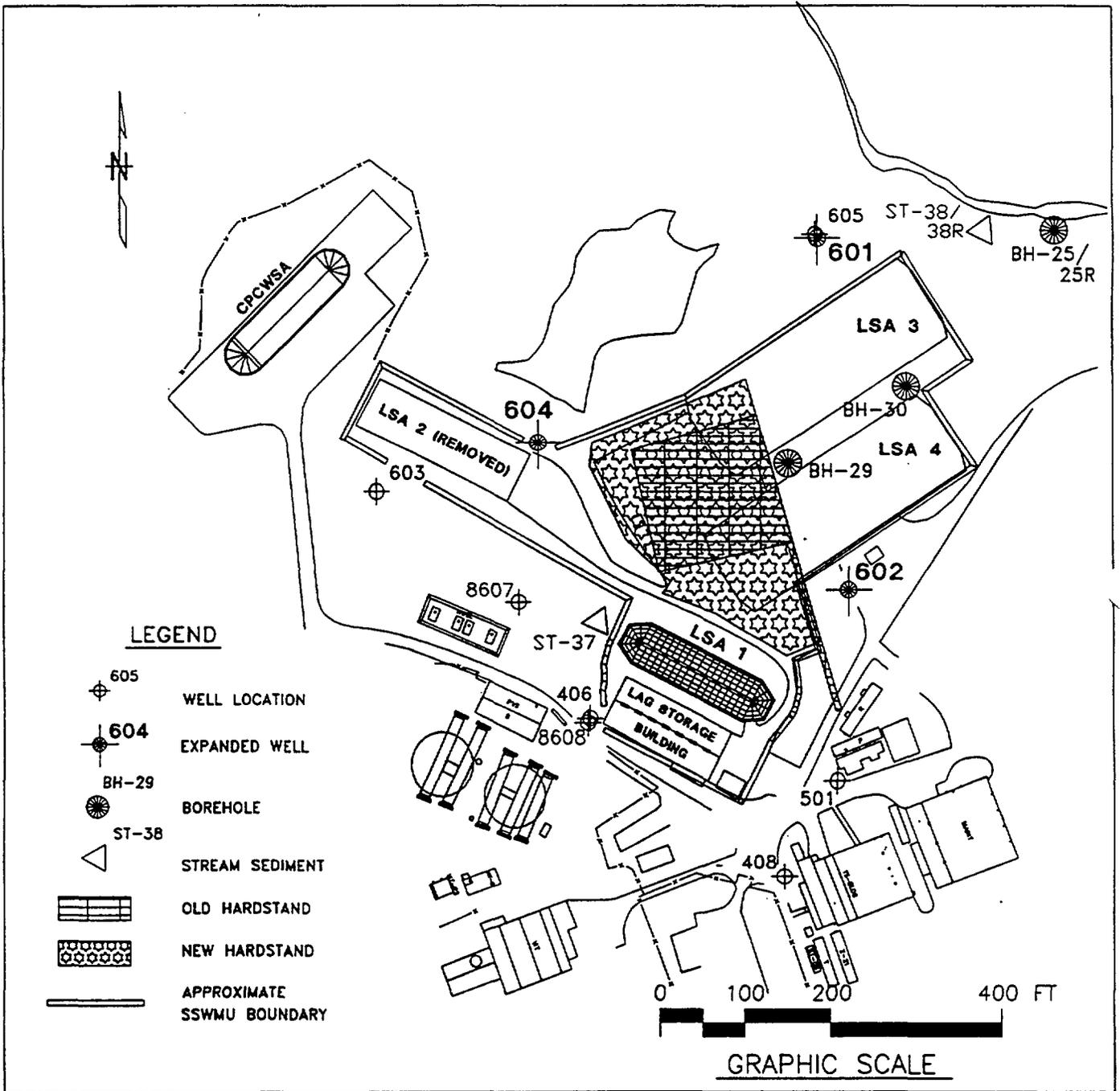
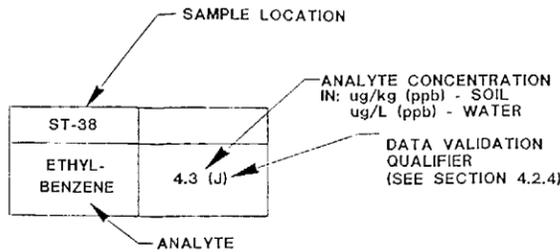


Figure 2-1. Low-level Waste Storage Area (SSWMU #6)

DLW:95:RF:LLWSA:ID.DWG



* IDENTIFIED ANALYTE EXCEEDS PROPOSED SUBPART S ACTION LEVEL (SEE SECTION 4.1)

** IDENTIFIED ANALYTE EXCEEDS TAGM 4046 RECOMMENDED CLEAN-UP OBJECTIVE (SEE SECTION 4.2.2)

601	4Q93	2Q94
CHROMIUM	692 *	286 *
LEAD	16 *	ND
NICKEL	533 *	64.6

604	4Q93	2Q94
NICKEL	146 *	150 *

ST-38	
ETHYL-BENZENE	4.3 (J)
ST-38R	
BENZO(A)-ANTHRACENE	189.7
CHRYSENE	210.3
FLUORANTHENE	402
PHENANTHRENE	189.9
PYRENE	374.4

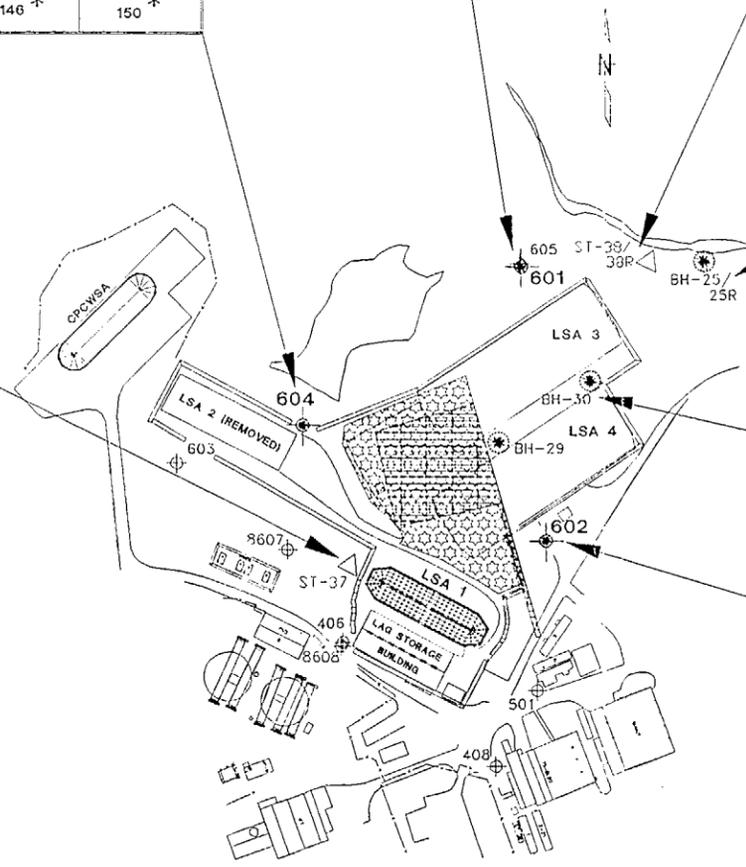
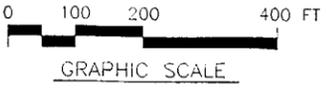
LEGEND	
	MONITORING WELL
	EXPANDED WELL
	BOREHOLE
	STREAM SEDIMENT
	OLD HARDSTAND
	NEW HARDSTAND
	APPROXIMATE SSWMU BOUNDARY

BH-25R	ANALYTE	CONC.
12-14' DEPTH	DI-N-BUTYL PHTHALATE	128.1 (J)

BH-30	ANALYTE	CONC.
10-12' DEPTH	CARBON TETRA-CHLORIDE	1.3 (J)

602	4Q93	2Q94
CHROMIUM	33	188 *
NICKEL	59	108 *

ST-37	
BIS (2-ETHYL/HEXYL) PHTHALATE	227.7
BENZO(A)-ANTHRACENE	413 **
BENZO(A)-PYRENE	565.5 **
BENZO(B)-FLUORANTHENE	993.8
BENZO(K)-FLUORANTHENE	286.8
CHRYSENE	604.9 **
FLUORANTHENE	1066.6
HEXADECANOIC ACID	2000
PHENANTHRENE	384.8
PYRENE	810.5



NOTE: BERYLLIUM EXCEEDED ITS PROPOSED SUBPART S ACTION LEVEL IN ALL SOIL/SEDIMENT SAMPLES AND IS NATURALLY PRESENT ACROSS THE SITE AT ELEVATED LEVELS.

Figure 4-1. LLWSA (SSWMU #6) RCRA Facility Investigation (RFI) Sampling Locations and Analytical Results Summary

Appendix A

Soil Program Borehole Logs for BH-25, BH-29, BH-30, and BH-38

THIS PAGE INTENTIONALLY LEFT BLANK

SHEET 1 OF: 2	BORING LOG	BOREHOLE NO.: BH-25
DATE STARTED: 9/20/93		SURFACE ELEVATION (FT.): 1374.01
DATE FINISHED: 9/20/93		6'
DRILLER: SJB SERVICES, INC.		
INSPECTOR: ROBERT H. TEIFKE	DAMES & MOORE	NORTHING: 893787.66
		EASTING: 481168.17
PROJECT: 1993 SOILS PROGRAM		LOCATION: NORTH SIDE CDDL
JOB NUMBER: 10805-827-8350		SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER		LITHOLOGY	DESCRIPTION AND NOTES
			0-6	6-12		
			12-18	18-24		
	24/16	SS-1	7	8	[Pattern]	Brown pebbly silty CLAY, slightly sandy; with grass root system, damp, stiff, cohesive. (CL) (Hnu:<0.1ppm, beta/gamma:BB)
			8	6		
	24/17	SS-2	8	12	[Pattern]	Dark gray humic clayey SILT; with plant debris, slightly pebbly, damp, stiff. (ML) Orange brown pebbly CLAY; with roots and wood fragments, damp, stiff. (0.6') (CL) (Hnu:<0.1ppm, beta/gamma:BB)
			15	10		
5	24/12	SS-3	8	9	[Pattern]	Brown and orange silty moderately clayey coarse SAND and pebble-cobble GRAVEL; damp to wet, medium dense. (GM) (Hnu:<0.1ppm, beta/gamma:BB)
			10	8		
	24/12	SS-4	15	13	[Pattern]	As Above, but saturated. (Hnu:<0.1ppm, beta/gamma:BB)
			7	7		
	24/10	SS-5	10	9	[Pattern]	Brown and orange brown silty slightly clayey coarse SAND and pebble GRAVEL; saturated, loose. (GM) (Hnu:<0.1ppm, beta/gamma:BB)
			5	7		
10	24/10	SS-6	7	8	[Pattern]	As above.
			7	6		
	24/8	SS-7	7	8	[Pattern]	As Above.
			7	8		
	24/8	SS-8	4	5	[Pattern]	As Above.
			7	5		
	24/5	SS-9	7	5	[Pattern]	Yellow brown silty clayey GRAVEL, some coarse sand; saturated, loose. (GM) (Hnu:<0.1ppm, beta/gamma:BB)
			6	6		
	24/11	SS-10	7	2	[Pattern]	As Above. (RHT 9/20/93) (Hnu:<0.1ppm, beta/gamma:BB)
			7	11		

CLASSIFICATION: VISUAL (Modified Burmister) and USCS METHOD OF SAMPLING: 140 LB. HAMMER
 3" O.D. SPLITSPOON SAMPLER

SHEET 2 OF: 2 DATE STARTED: 9/20/93 DATE FINISHED: 9/20/93 DRILLER: SJB SERVICES, INC. INSPECTOR: ROBERT H. TEIFKE	<h1 style="margin: 0;">BORING LOG</h1> <h2 style="margin: 0;">DAMES & MOORE</h2>	BOREHOLE NO.: BH-25 SURFACE ELEVATION (FT.): 1374.01 6' NORTHING: 893787.66 EASTING: 481168.17 LOCATION: NORTH SIDE CDDL SSWMU Locale:
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER		LITHOLOGY	DESCRIPTION AND NOTES
			0-6	6-12		
			12-18	18-24		
	24/3	SS-II	15	19	//	Yellow brown coarse SAND and pebble GRAVEL; (caved material from above 20.0') (GM) Dark gray pebbly silty CLAY; moist, hard. (1.2') (Hnu:<0.1ppm, beta/gamma:BB)- (CL)
25			25	24	//	AUGERED TO 20 FT. SAMPLED TO 22 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu = <0.1ppm beta/gamma = <70cpm
30						
35						

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
 3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 1 DATE STARTED: 10/26/93 DATE FINISHED: 10/27/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	<h1 style="margin:0;">BORING LOG</h1> <h2 style="margin:0;">DAMES & MOORE</h2>	BOREHOLE NO.: BH-29 SURFACE ELEVATION (FT.): 1,392.39 NORTHING: 893,510.73 EASTING: 480,850.67 LOCATION: BETWEEN LSA 3 & 4 SSWMU Locale:
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER		LITHOLOGY	DESCRIPTION AND NOTES
			0-6	6-12		
			12-18	18-24		
5	24/16	SS-1	14	11		Brown slightly silty GRAVEL and coarse SAND; moist, locally wet, dense. (SM/GM) (Hnu:<0.5ppm, beta/gamma:BB)
			33	32		
	24/12	SS-2	27	28		Brown mottled slightly clayey silty GRAVEL; damp, dense. (Hnu:<0.5ppm, beta/gamma:BB) (GM)
			19	10		
	24/15	SS-3	7	7		Gray and orange pebbly silty CLAY, with some humic matter; moist above 5.0', wet below, medium dense. (CL) (Hnu:<0.5ppm, beta/gamma:BB)
14			14			
10	24/12	SS-4	18	20	Yellow brown silty sandy GRAVEL; saturated, dense. (GM) (Hnu:<0.5ppm, beta/gamma:BB)	
			25	20		
	24/8	SS-5	14	19	As Above.	
			17	16		
	24/18	SS-6	9	20	Yellow brown sandy GRAVEL; saturated. (0.2') (GM)	
30			39			
24/19	SS-7	12	21	Brown slightly pebbly silty CLAY; moist, hard. (CL) (Hnu:<0.5ppm, beta/gamma:BB)		
		35	43			
15						AUGERED TO 12 FT. SAMPLED TO 14 FT. BOREHOLE BACKROUTED TO GRADE BACKGROUND READINGS: Hnu = <0.5ppm beta/gamma = 100cpm

CLASSIFICATION: VISUAL (Modified Burmister) and USCS METHOD OF SAMPLING: 140 LB. HAMMER
 3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 1 DATE STARTED: 10/27/93 DATE FINISHED: 10/27/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	<h1 style="margin:0;">BORING LOG</h1> <h2 style="margin:0;">DAMES & MOORE</h2>	BOREHOLE NO.: BH-30 SURFACE ELEVATION (FT.): 1,389.98 NORTHING: 893,606.71 EASTING: 480,995.77 LOCATION: BETWEEN LSA 3 AND 4 SSWMU Locale:
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER		LITHOLOGY	DESCRIPTION AND NOTES
			0-6	6-12		
			12-18	18-24		
5	24/16	SS-1	21	28	[Pattern: Dotted]	Red brown very slightly silty and clayey GRAVEL; damp, very dense. (GC/GM) (OVA:7ppm, beta/gamma:BB)
			25	18		
	24/7	SS-2	12	17		Dark brown pebbly SAND and granule GRAVEL; moist, medium dense. (SM/GM) (OVA:7ppm, beta/gamma:BB)
			16	12		
24/18	SS-3	8	14	As above.		
		9	8			
24/0	SS-4	60	54	No Recovery.		
		54	52			
10	24/13	SS-5	33	30	[Pattern: Dotted]	Brown slightly silty coarse SAND and very fine GRAVEL; moist, wet at base, very dense. (SM/GM) (OVA:7ppm, beta/gamma:BB)
			52	33		
	24/24	SS-6	13	14		Brown pebbly clayey SAND; wet. (0.3') yellow brown slightly silty and pebbly CLAY; moist, very stiff. (1.7') (CL) (OVA:7ppm, beta/gamma:BB)
			20	28		
24/24	SS-7	7	22	Brown slightly pebbly silty CLAY; dry to damp, hard. (OVA:7ppm, beta/gamma:BB) (CL)		
		29	42			
15					[Pattern: Vertical Lines]	AUGERED TO 12 FT. SAMPLED TO 14 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: OVA = 7ppm beta/gamma = 100cpm

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
 3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 2	BORING LOG	BOREHOLE NO.: BH-38
DATE STARTED: 10/26/93		SURFACE ELEVATION (FT.): 1,416.03
DATE FINISHED: 10/26/93		
DRILLER: BUFFALO DRILLING CO.		
INSPECTOR: ROBERT H. TEIFKE	DAMES & MOORE	NORTHING: 893,383.75
		EASTING: 480,195.17
PROJECT: 1993 SOILS PROGRAM		LOCATION: WEST HAZ WASTE LOCKERS
JOB NUMBER: 10805-827-8350		SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER		LITHOLOGY	DESCRIPTION AND NOTES
			0-6	6-12		
			12-18	18-24		
5	24/11	SS-1	25	37	LITHOLOGY	Brown silty SAND and GRAVEL; dry, very dense. (SM/GM) (Hnu:<1.0ppm, beta/gamma:BB)
			38	19		Dark brown and gray pebbly slightly silty CLAY; damp, stiff. (CL) (Hnu:<1.0ppm, beta/gamma:BB)
	24/11	SS-2	6	7		As above. (0.4')
			6	7		
	24/17	SS-3	4	7		Dark brown slightly clayey slightly pebbly SILT; with root masses, damp. (0.5') (ML)
			8	15		Yellow brown pebbly SILT and fine SAND; damp. (0.4') (Hnu:<1.0ppm, beta/gamma:BB) (ML)
	24/22	SS-4	22	25		Yellow brown silty sandy GRAVEL; damp, very dense. (Hnu:<1.0ppm, beta/gamma:BB) (GM)
			26	37		
	24/22	SS-5	33	34		Brown silty sandy pebble-cobble GRAVEL; damp to moist, very dense. (GM) (Hnu:<1.0ppm, beta/gamma:BB)
			21	17		As above.
24/14	SS-6	12	27			
		38	15	As above. (0.4')		
24/19	SS-7	11	17			
		32	43	Brown silty CLAY, slightly pebbly; damp. (0.4') (CL) Brown gray silty CLAY, slightly pebbly; damp. (0.8') (CL) (Hnu:<1.0ppm, beta/gamma:BB)		
15	24/22	SS-8	11	20	Brown gray to gray slightly pebbly slightly silty CLAY; damp, hard. (CL) (Hnu:<1.0ppm, beta/gamma:BB)	
			29	39		
	24/24	SS-9	9	15	Gray slightly pebbly slightly silty CLAY; moist, hard. (Hnu:<1.0ppm, beta/gamma:BB) (CL)	
			22	27		
24/24	SS-10	6	11	As above.		
		18	22			

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
 3" O.D. SPLITSPOON SAMPLER

SHEET 2 OF: 2		BORING LOG	BOREHOLE NO.: BH-38
DATE STARTED: 10/26/93			SURFACE ELEVATION (FT.): 1,416.03
DATE FINISHED: 10/26/93			
DRILLER: BUFFALO DRILLING CO.			
INSPECTOR: ROBERT H. TEIFKE		DAMES & MOORE	NORTHING: 893,383.75 EASTING: 480,195.17
PROJECT: 1993 SOILS PROGRAM		LOCATION: WEST HAZ WASTE LOCKERS	
JOB NUMBER: 10805-827-8350		SSWMU Locale:	

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER		LITHOLOGY	DESCRIPTION AND NOTES
			0-6	6-12		
			12-18	18-24		
25	24/24	SS-11	4	11	//	As above (1.1') Gray clayey coarse SILT and brown CLAY: saturated, very stiff. (0.9') (ML/CL) (Hnu:<1.0ppm, beta/gamma:BB)
			17	18		Brown gray slightly pebbly silty CLAY: moist, very stiff. (CL) (Hnu:<1.0ppm, beta/gamma:BB)
	24/24	SS-12	5	11		Gray brown slightly pebbly silty CLAY: moist, very stiff. (CL) (Hnu:<1.0ppm, beta/gamma:BB)
			18	20		Brown very slightly pebbly CLAY; moist to wet, very stiff. (CL) (Hnu:<1.0ppm, beta/gamma:BB)
	24/24	SS-13	7	12		Brown slightly pebbly silty CLAY: moist, stiff. (0.5') (CL) Gray brown very slightly pebbly clayey SILT and fine SAND, locally slightly clayey SILT and fine SAND; wet, stiff. (1.5') (ML/SM) (Hnu:<1.0ppm, beta/gamma:BB)
			16	18		
24/24	SS-14	10	10			
		13	15			
30	24/24	SS-15	5	8		
			9	10		
35						AUGERED TO 28 FT. SAMPLED TO 30 FT. BOREHOLE BACKGROUND TO GRADE BACKGROUND READINGS: - Hnu = <1.0ppm beta/gamma = 180cpm

CLASSIFICATION: VISUAL (Modified Burmister) and USCS METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

Appendix B

**Borehole Logs and Well Construction Diagrams for WNW0301, WNW0401,
WNW0406, WNW0601, WNW0602, WNW0603, WNW0604, WNW0605, WNW0706, and WNW8607**

THIS PAGE INTENTIONALLY LEFT BLANK

SHEET 1 OF: 1 DATE STARTED: 12/12/89 DATE FINISHED: 12/13/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: JTB	<h1 style="margin: 0;">BORING LOG</h1> <h2 style="margin: 0;">DAMES & MOORE</h2>	HOLE/WELL NO.: 0301 SURFACE ELEVATION: 1,416.13 NORTHING 892,558.93 EASTING 480,551.54 LOCATION: SW OF CSS SSWMU Locale: 3
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		LOCATION: SW OF CSS SSWMU Locale: 3

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER				LITHOLOGY	DESCRIPTION / NOTES
			0 / 6		6 / 12			
			12 / 18	18 / 24				
						[Lithology Pattern]	Moist, brown, SILT, some fine to medium subangular gravel, little sand, trace clay, orange and green mottling. (GM)	
5						[Lithology Pattern]	Moist, light to dark brown, silty SAND and fine to coarse GRAVEL, trace clay. (GM) Saturated, brown. (GM)	
10	24/8	SS-1	16 15	16 13		[Lithology Pattern]	Saturated, brown, fine to coarse subangular GRAVEL, little fine to coarse sand, trace silt. (GM) Some silt. (GM/ML)	
15	24/6	SS-2	11	200		[Lithology Pattern]	Saturated, brown, silty SAND and fine to coarse GRAVEL, little subangular shale fragments. (GP/ML) Saturated, brown, fine to coarse subangular GRAVEL and fine to medium SAND, little silt. (GW) Two-inch fossil fragment in end of spoon (brachiopod).	
20						[Lithology Pattern]	Saturated, brown, SILT, little fine sand, trace clay and fine subangular gravel. Weathered till. (ML)	
25						[Lithology Pattern]	Augered to 17.0 ft. Sampled 8-10 ft. and 14-16 ft. See log 0302 for complete sampling details. The water level at completion of well installation was 8.75 ft. b.g.s.. No radiation detected above background by R/S.	
30						[Lithology Pattern]		
35						[Lithology Pattern]		

CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84
 SEE 0302 FOR COMPLETE DESCRIPTION

SHEET 1 OF: 1 DATE STARTED: 11/8/89 DATE FINISHED: 11/8/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	<h1 style="margin:0;">BORING LOG</h1> <h2 style="margin:0;">DAMES & MOORE</h2>	HOLE/WELL NO.: 0401 SURFACE ELEVATION: 1,416.79 NORTHING 892,674.32 EASTING 480,501.55 LOCATION: EAST OF TRAILER J SSWMU Locale: 4
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER				LITHOLOGY	DESCRIPTION / NOTES
			0 / 6		6 / 12			
			12 / 18	18 / 24	12 / 18	18 / 24		
5	24/18	SS-1	4	11	●●●●●●●●●● ●●●●●●●●●● ●●●●●●●●●● ●●●●●●●●●● ●●●●●●●●●●	Medium brown, silty GRAVEL and SAND. (GP)		
			13	11				
	24/5	SS-2	12	26				
			21	26				
	24/16	SS-3	10	16		Medium brown, SAND and GRAVEL, some silt. (SM)		
10			12	13				
	24/19	SS-4	8	11				
			11	17				
	24/13	SS-5	5	13				
			21	16				
15	24/17	SS-6	4	14				
			21	27				
	24/19	SS-7	9	19				
			25	25				
	24/17	SS-8	8	15	Medium brown, clayey SILT, trace gravel and sand. (ML)			
20			17	22	▨▨▨▨▨▨▨▨▨▨ ▨▨▨▨▨▨▨▨▨▨	Moist, medium brown to dark gray, SILT, some clay, trace gravel, trace sand. (ML)		
			16	14				
	24/17	SS-9	28	32				
25								
30								
35								

CLASSIFICATION: VISUAL (Modified Burmister),USCS METHOD OF SAMPLING: ASTM D1586-84

SHEET 1 OF: 1 DATE STARTED: 10/30/89 DATE FINISHED: 10/30/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	<h1>BORING LOG</h1> <h2>DAMES & MOORE</h2>	HOLE/WELL NO.: 0406 SURFACE ELEVATION: 1,402.61 NORTHING 893,215.58 EASTING 480,628.58 LOCATION: W. OF LAG STORAGE ANNEX SSWMU Locale: 4
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER				LITHOLOGY	DESCRIPTION / NOTES
			0 / 6		6 / 12			
			12 / 18	18 / 24				
5	24/20	SS-1	7 14	13 21		Damp, brown to gray, sandy SILT, some fine to coarse gravel. (GM)		
	24/23	SS-2	14 14	22 15		Moist, light brown, fine SAND and coarse angular GRAVEL. (GP) to dark greenish-blue coarse GRAVEL. trace silt. (GP/GM)		
	24/13	SS-3	13 6	9 6		Damp, dark brown, clayey SILT, some fine to medium gravel, some sand, green mottling. (ML/GM)		
	24/5	SS-4	4 6	2 2		Moist, gray-brown, clayey SILT and fine to medium GRAVEL. (GM)		
10	24/13	SS-5	2 27	7 18		Moist, light greenish-tan, sandy clayey SILT, some fine to medium gravel. (ML/GM)		
	24/16	SS-6	6 10	12 13		Damp, brown-black, fine SAND, some silt at 8.8 ft. b.g.s.. (SM)		
	24/14	SS-7	3 11	10 10		Damp, brown-black, fine SAND, some silt at 10.5 ft. b.g.s.. (SM)		
15	24/12	SS-8	4 17	22 16		Wet, light brown SILT, some angular gravel and sand. (ML/GM) (Small lens of rust-brown fine SAND at 14.4 ft.) (SP)		
	24/9	SS-9	3 14	7 11			Dark gray, SILT and CLAY, trace fine subangular gravel. (ML/CL)	
20	24/22	SS-10	6 16	10 19				
	24/19	SS-11	3 15	10 21				
25					Augered to 20 ft. Sampled to 22 ft. The water level was measured at 12 ft. b.g.s.- While the bottom of the augers were 10.0 ft. b.g.s.. No radiation detected above background by R/S.			
30								
35								

CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84

SHEET 1 OF: 1 DATE STARTED: 1/11/90 DATE FINISHED: 1/11/90 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: JTB	<h1 style="margin: 0;">BORING LOG</h1> <h2 style="margin: 0;">DAMES & MOORE</h2>	HOLE/WELL NO.: 0601 SURFACE ELEVATION: 1,381.66 NORTHING 893,778.64 EASTING 480,891.13 LOCATION: NORTH OF LSA 3 SSWMU Locale: 6
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER		LITHOLOGY	DESCRIPTION / NOTES
			0 / 6	6 / 12		
			12 / 18	18 / 24		
	24/10	SS-1	2	5	[Dotted pattern]	Wet, brown SILT, little fine sand, trace subangular gravel, trace clay. (OL/GM)
			4	5		
5	24/8	SS-2	28	15	[Dotted pattern]	Moist to saturated, light brown, fine to medium SAND and subangular GRAVEL, trace silt and clay, orange mottling. (SW)
			15	14		
	24/36	SS-3	7	9	[Dotted pattern]	
			11	10		
	24/5	SS-4	5	8	[Diagonal lines]	Saturated, brownish-gray CLAY and SILT, little fine subangular to subrounded gravel, trace very fine sand. (CL)
			15	21		
10	24/14	SS-5	9	13	[Diagonal lines]	Wet, gray SILT and CLAY, trace fine to medium subangular gravel (black shale), trace fine sand, stiff, medium plasticity. (CL)
			18	27		
	24/24	SS-6	8	13	[Diagonal lines]	Moist, gray CLAY, some silt, trace fine to medium subangular to subrounded gravel, trace fine sand, stiff, medium plasticity. (CL)
					[Diagonal lines]	
15					[Diagonal lines]	
					[Diagonal lines]	
20					[Diagonal lines]	
					[Diagonal lines]	
25					[Diagonal lines]	
					[Diagonal lines]	
30					[Diagonal lines]	
					[Diagonal lines]	
35					[Diagonal lines]	
					[Diagonal lines]	
					[Diagonal lines]	

AUGERED TO 10 FT.
 SAMPLED TO 12 FT.
 THE WATER LEVEL WAS MEASURED AT 3.8 FT. B.G.S.-
 WHILE THE BOTTOM OF THE AUGERS WERE 10.0 FT. B.G.S..
 NO RADIATION DETECTED ABOVE BACKGROUND BY R/S.

CLASSIFICATION: VISUAL (Modified Burmister),USCS METHOD OF SAMPLING: ASTM D1586-84

SHEET 1 OF: 1 DATE STARTED: 1/10/90 DATE FINISHED: 1/11/90 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	<h1 style="margin: 0;">BORING LOG</h1> <h2 style="margin: 0;">DAMES & MOORE</h2>	HOLE/WELL NO.: 0602 SURFACE ELEVATION: 1,393.19 NORTHING 893,371.36 EASTING 480,928.02 LOCATION: EAST OF LSA 1 SSWMU Locale: 6
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER		LITHOLOGY	DESCRIPTION / NOTES
			0 / 8	8 / 12		
			12 / 18	18 / 24		
5	24/19	SS-1	12	33		Dry to moist light brown GRAVEL, ROCK FRAGMENTS, and SAND, little silt. (OL/GW)
			32	32		
	24/8	SS-2	10	10		
			5	4		
	24/17	SS-3	4	23		
10			18	21		Moist to saturated brown GRAVEL and SAND, some silt. (GM)
	24/10	SS-4	10	10		
			10	7		
	24/8	SS-5	3	3		
			5	14		
15	24/8	SS-6	5	10		Moist light brown CLAY and SILT, trace sand and gravel. (CL/ML)
			12	6		
	24/0	SS-7	10	11		
			11	15		
	24/12	SS-8	6	8		
20			12	28		Moist, dark gray CLAY and SILT, trace gravel and sand. (CL/ML)
	24/11	SS-9	9	17		
			26	47		
25						AUGERED TO 16.0 FT. SAMPLED TO 18.0 FT. THE WATER LEVEL WAS MEASURED AT 8.5 FT. B.G.S. - WHILE THE BOTTOM OF THE AUGERS WERE 15.0 FT. B.G.S.. NO RADIATION WAS DETECTED ABOVE BACKGROUND BY R/S.
30						
35						

CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84

SHEET 1 OF: 1 DATE STARTED: 12/8/89 DATE FINISHED: 12/8/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: JTB	<h1 style="margin: 0;">BORING LOG</h1> <h2 style="margin: 0;">DAMES & MOORE</h2>	HOLE/WELL NO.: 060? SURFACE ELEVATION: 1,401.66 NORTHING 893,485.01 EASTING 480,373.87 LOCATION: S. OF LSA 2 SSWMU Locale: 6
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER		LITHOLOGY	DESCRIPTION / NOTES
			0 / 6	6 / 12		
			12 / 18	18 / 24		
	24/17	SS-1	4	8	[Symbol]	Brown, TOPSOIL with GRAVEL fiii. (OL)
			15	11		Dry to moist, brown SILT, little clay, trace fine to medium subrounded gravel, trace sand, orange and green mottling. (ML/CL)
5	24/22	SS-2	20	27	[Symbol]	Dry, red-brown to gray, sandy SILT and fine to medium GRAVEL, trace clay. (SP/ML)
			20	20		
	24/16	SS-3	7	15	[Symbol]	Brown-orange, silty SAND and fine to medium subangular GRAVEL. (GM)
			18	11		
	24/22	SS-4	2	5	[Symbol]	
			7	13		
10	24/15	SS-5	7	14	[Symbol]	
			15	14		
	24/16	SS-6	7	11	[Symbol]	
			9	9		
	24/18	SS-7	6	7	[Symbol]	
			12	10		
15	24/20	SS-8	10	10	[Symbol]	Saturated, orange to reddish, SILT, little gravel, trace sand trace clay. Weathered. (ML)
			14	16		Wet, gray, SILT, trace fine gravel, trace clay. Unweathered. (ML)
	24/16	SS-9	8	13	[Symbol]	Saturated, dark gray, SILT, trace subangular gravel, trace clay. (ML/CL)
			21	27		
20						
25						
30						
35						

AUGERED TO 16 FT.
 SAMPLED TO 18 FT.
 THE WATER LEVEL WAS MEASURED AT 13.15 FT. B.G.S -
 WHILE THE BOTTOM OF THE AUGERS WERE 16.0 FT. B.G.S..
 NO RADIATION WAS DETECTED ABOVE BACKGROUND BY R/S

CLASSIFICATION: VISUAL (Modified Burmister), USCS METHOD OF SAMPLING: ASTM D1586-84

SHEET 1 OF: 1 DATE STARTED: 12/18/89 DATE FINISHED: 12/18/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	<h1 style="margin: 0;">BORING LOG</h1> <h2 style="margin: 0;">DAMES & MOORE</h2>	HOLE/WELL NO.: 0604 SURFACE ELEVATION: 1,396.57 NORTHING 893,542.17 EASTING 480,563.84 LOCATION: EAST OF LSA 2 SSMU Locale: 6
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER				LITHOLOGY	DESCRIPTION / NOTES
			0 / 6		6 / 12			
			12 / 18	18 / 24				
			2	9	[Lithology pattern]		No samples taken - GRAVEL FILL - difficult to distinguish depth of reworked or backfilled material. Moist, dark brownish-gray, SILT and CLAY. (ML/CL)	
			4	6				
5	24/16	SS-1	8	10	[Lithology pattern]		Dry to moist, dark brownish-gray, SILT, some clay, little gravel, trace sand. (ML/CL)	
			6	21				
	24/15	SS-2	24	19	[Lithology pattern]		Wet, dark brownish-gray, SILT, some clay, little gravel, trace sand. (ML/CL)	
	24/16	SS-3	3	11				
10	24/10	SS-4	5	5	[Lithology pattern]		Wet, medium brown, coarse GRAVEL, some silt, little sand. (GM)	
			8	12				
	24/17	SS-5	8	9	[Lithology pattern]		Wet, brown-gray, clayey SILT layer 10.0 - 10.2 ft. (ML)	
	24/20	SS-6	8	8				
15	24/24	SS-7	15	12	[Lithology pattern]		Wet, medium brown, SILT, little clay, trace fine gravel. (ML)	
			21	24				
					[Lithology pattern]		Wet, brownish-gray, SILT and CLAY, trace gravel. (ML/CL)	
					[Lithology pattern]		Saturated, medium brown, SILT, little clay, trace fine gravel. (ML)	
					[Lithology pattern]		Dry to moist, dark gray, CLAY, some silt, trace of fine gravel. (CL/ML)	
20					[Lithology pattern]		AUGERED TO 18 FT. SAMPLED TO 18 FT. THE WATER LEVEL WAS MEASURED AT 18.5 FT. B.G.S.- WHILE THE BOTTOM OF THE AUGERS WERE 18.0 FT. B.G.S.. NO RADIATION DETECTED ABOVE BACKGROUND BY R/S.	
25					[Lithology pattern]			
30					[Lithology pattern]			
35					[Lithology pattern]			

CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84

SHEET 1 OF: 1 DATE STARTED: 3/26/90 DATE FINISHED: 3/26/90 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	<h1 style="margin: 0;">BORING LOG</h1> <h2 style="margin: 0;">DAMES & MOORE</h2>	HOLE/WELL NO.: 0605 SURFACE ELEVATION: 1,381.81 NORTHING 893,783.76 EASTING 480,888.49 LOCATION: N. OF LSA 3 SSWMU Locale: 6
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER		LITHOLOGY	DESCRIPTION / NOTES
			0 / 6	6 / 12		
			12 / 18	18 / 24		
					[Symbol]	Wet, brown, SILT, little fine sand, trace subangular gravel and clay. (OL/GM)
5					[Symbol]	Moist to saturated, light brown, fine to medium SAND and subangular GRAVEL, trace silt and clay, orange mottling. (SW)
10					[Symbol]	Saturated, brownish-gray, CLAY and SILT, little fine subangular to subrounded gravel, trace fine sand. (CL/ML) Wet, gray, SILT and CLAY, trace fine to medium subangular gravel, trace fine sand. (ML/CL) Moist, gray, CLAY, some silt, trace fine to medium subangular to subrounded gravel, trace fine sand. (CL/ML)
15						AUGERED TO 11 FT. SEE 0601 FOR SAMPLING DETAILS THE MONITORING WELL WAS DRY UPON COMPLETION. NO RADIATION DETECTED ABOVE BACKGROUND BY R/S.
20						
25						
30						
35						

CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: SEE 0601 FOR SAMPLING DETAILS

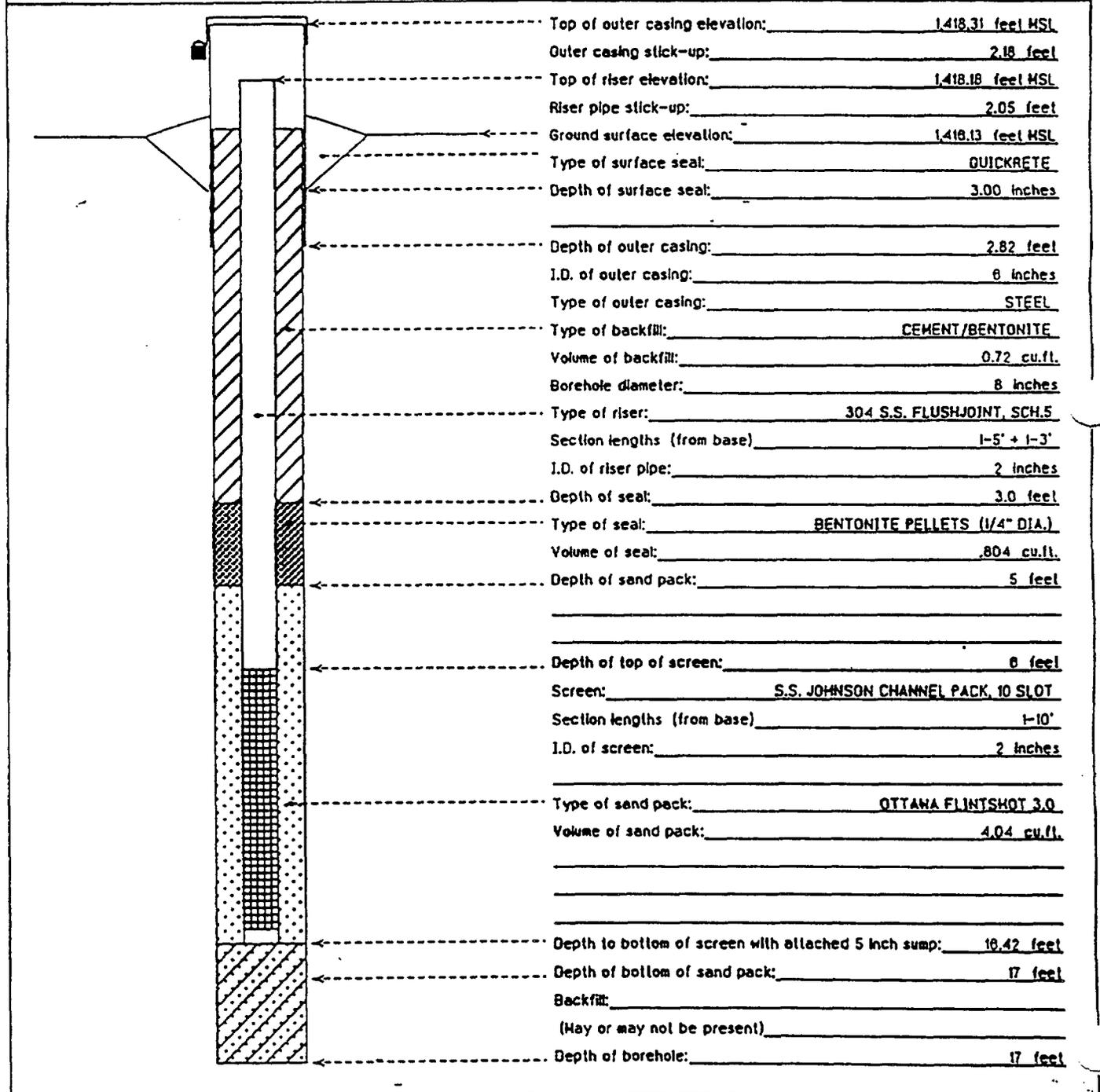
SHEET 1 OF: 1 DATE STARTED: 1/19/90 DATE FINISHED: 1/23/90 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	<h1 style="margin:0;">BORING LOG</h1> <h2 style="margin:0;">DAMES & MOORE</h2>	HOLE/WELL NO.: 0706 SURFACE ELEVATION: 1,406.81 NORTHING 893,478.76 EASTING 480,245.61 LOCATION: S. CPC STORAGE AREA SSWMU Locale: 7
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER				LITHOLOGY	DESCRIPTION / NOTES
			0 / 6		6 / 12			
			12 / 18		18 / 24			
						(OL)	Grass, organic, TOPSOIL. (OL)	
5						(GM)	Dry, reddish-brown, SILT and fine to medium GRAVEL, little fine sand, trace clay, green mottling. (GM)	
						(GM)	Moist, reddish-brown, silty GRAVEL to SILT and GRAVEL, little fine sand, trace clay, mottled, loose. (GM)	
10						(GM/ML)	Moist, brown, SILT, trace to little subangular gravel, trace sand, mottled. (GM/ML)	
						(ML)	Moist, brown, SILT, little clay, trace fine to medium subangular gravel, trace fine sand. (ML)	
15						(CL)	Moist to wet, gray, SILT and CLAY, trace fine to medium subangular gravel. (CL)	
20							AUGERED TO 13.0 FT. NO SAMPLES TAKEN - DESCRIPTION FROM 0701US THE WATER LEVEL WAS MEASURED AT 8.2 FT. B.G.S.- WHILE THE BOTTOM OF THE AUGERS WERE 13.0 FT. B.G.S.. NO RADIATION WAS DETECTED ABOVE BACKGROUND BY R/S	
25								
30								
35								

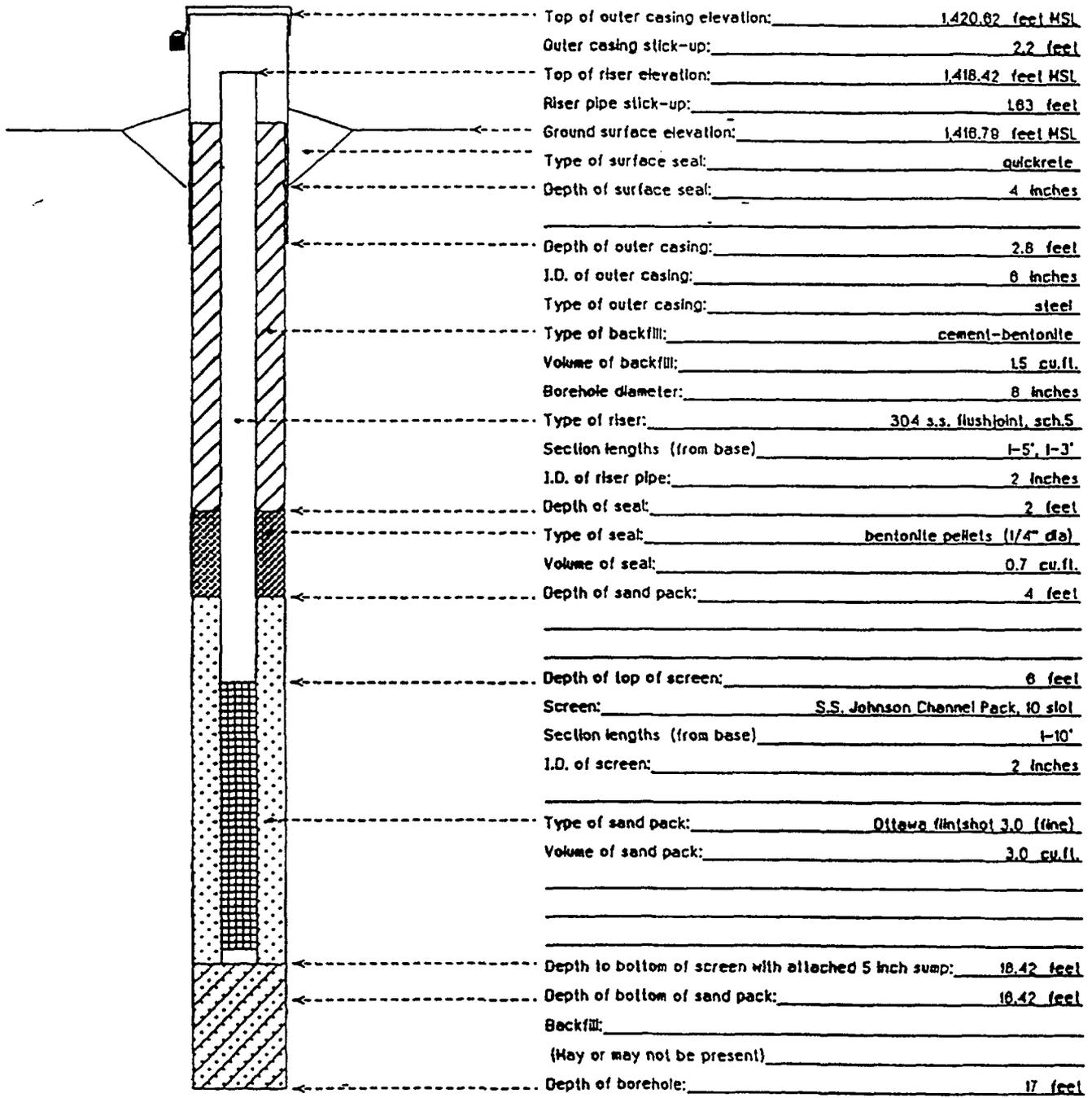
CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84

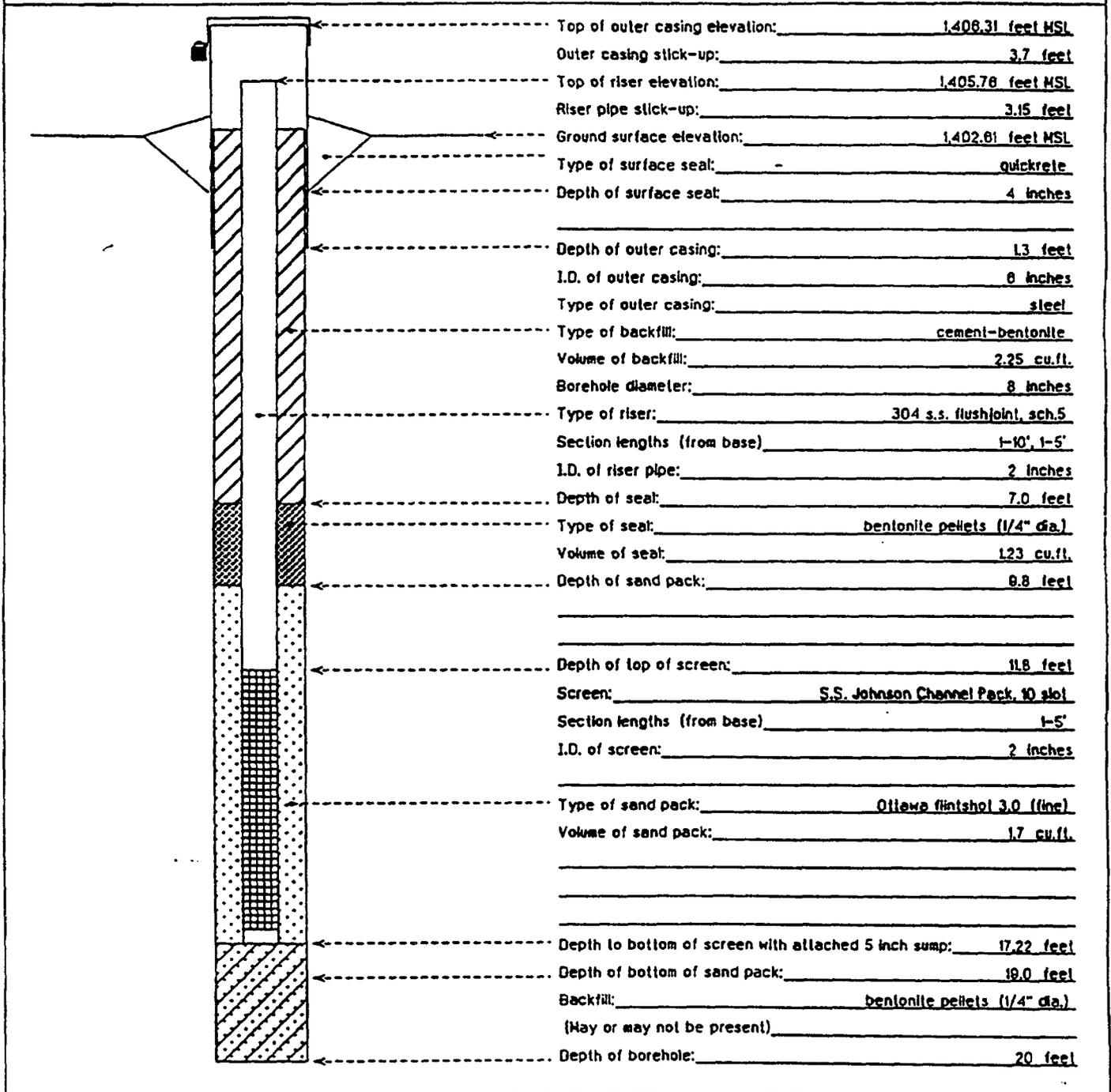
SHEET 1 OF 1		Dames & Moore Overburden Well Construction	HOLE/WELL NO.: 0301
DATE STARTED: 12/12/89			SURFACE ELEVATION: 1,418.13
DATE FINISHED: 12/13/89			NORTHING: 892,558.93
DRILLER: Empire Soils Inv. Hamburg, New York			EASTING: 480,551.54
FIELD GEOLOGIST: JTB			LOCATION: SW OF CSS
PROJECT: WVDP DOE/RCRA wells		SSHNU Locale: 3	
JOB NUMBER: 10805-410-023			

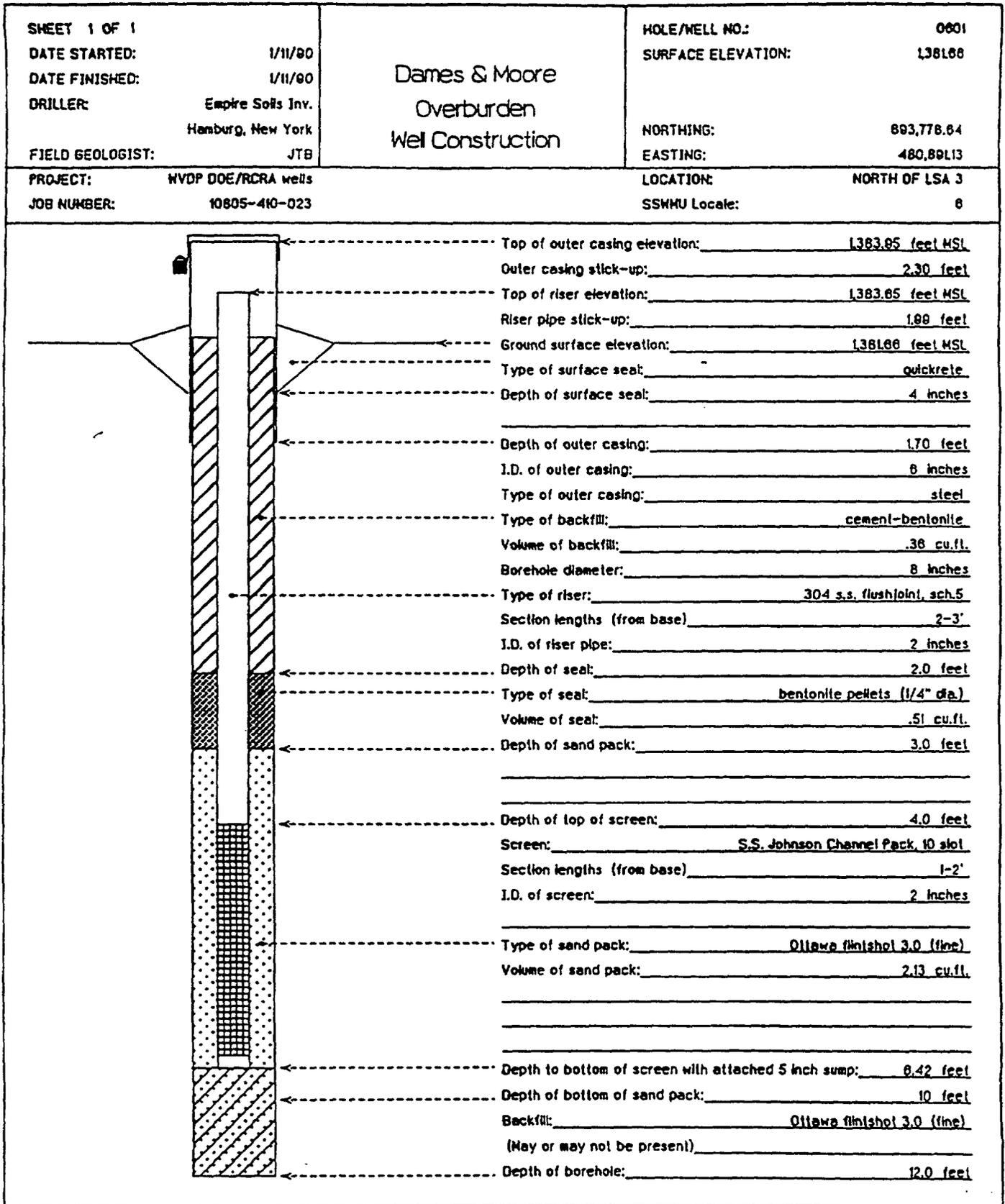


SHEET 1 OF 1 DATE STARTED: 11/8/89 DATE FINISHED: 11/8/89 DRILLER: Empire Soils Inv. Hamburg, New York FIELD GEOLOGIST: FJC		Dames & Moore Overburden Well Construction		HOLE/WELL NO.: 0401 SURFACE ELEVATION: 1,418.79 NORTHING: 892,674.32 EASTING: 480,501.55	
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		LOCATION: EAST OF TRAILER J SSWHU Locale: 4			

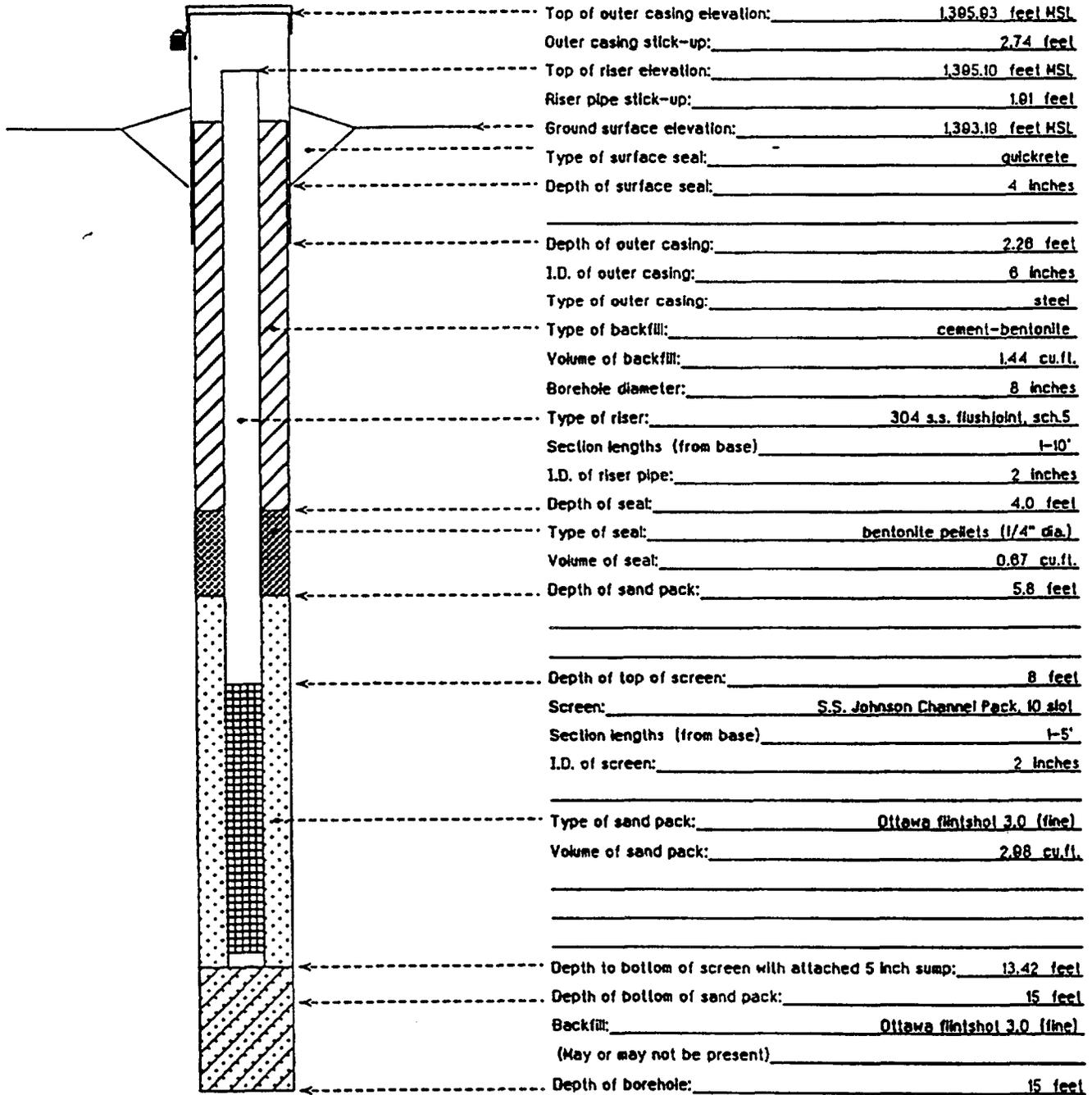


SHEET 1 OF 1 DATE STARTED: 10/30/89 DATE FINISHED: 10/30/89 DRILLER: Empire Soils Inv. Hamburg, New York FIELD GEOLOGIST: FJC		Dames & Moore Overburden Well Construction	HOLE/WELL NO.: 0406 SURFACE ELEVATION: 1,402.61 NORTHING: 893,215.58 EASTING: 480,628.58
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023			LOCATION: W. OF LAG STORAGE ANNEX SSHNU Locale: 4

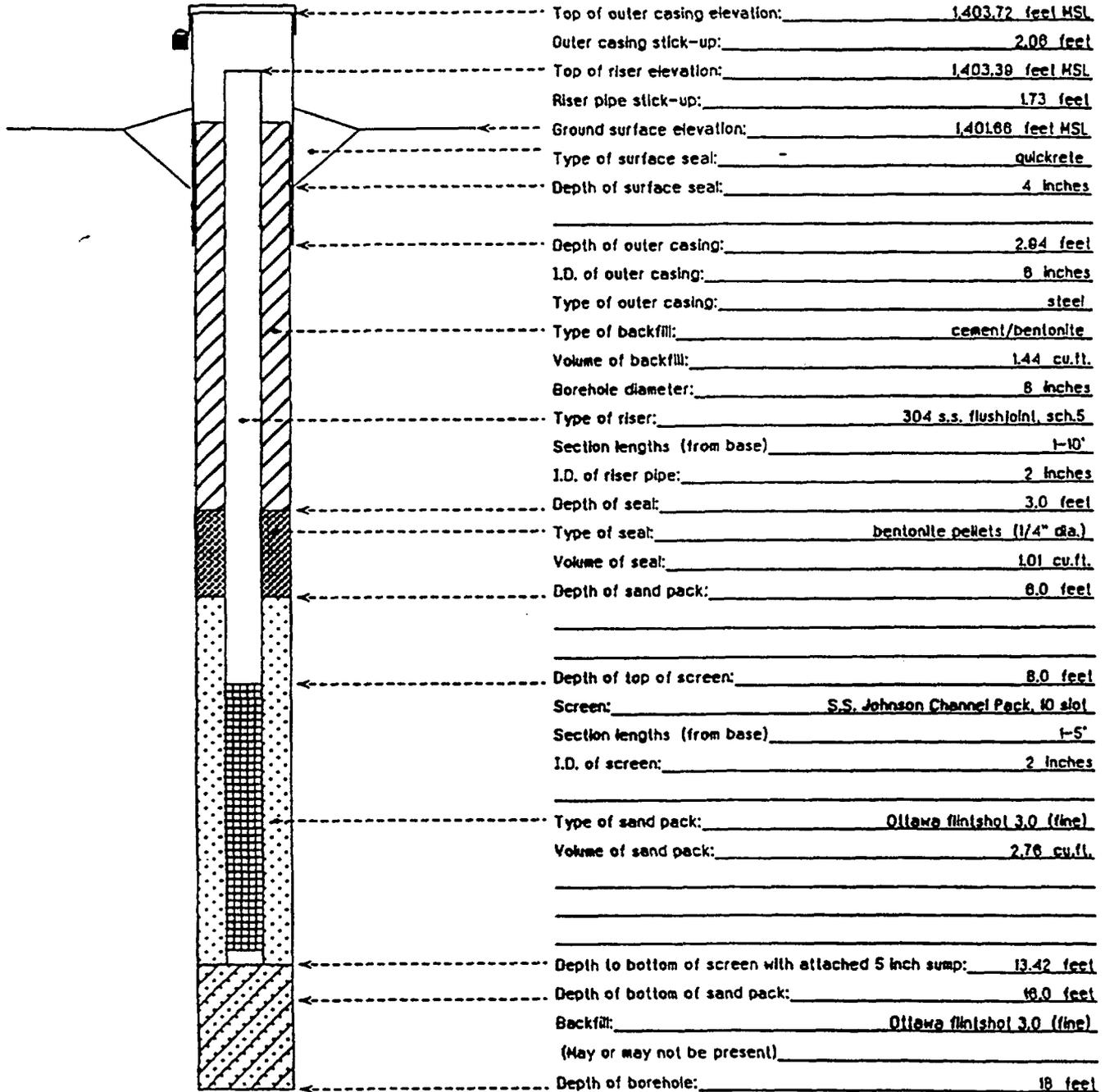


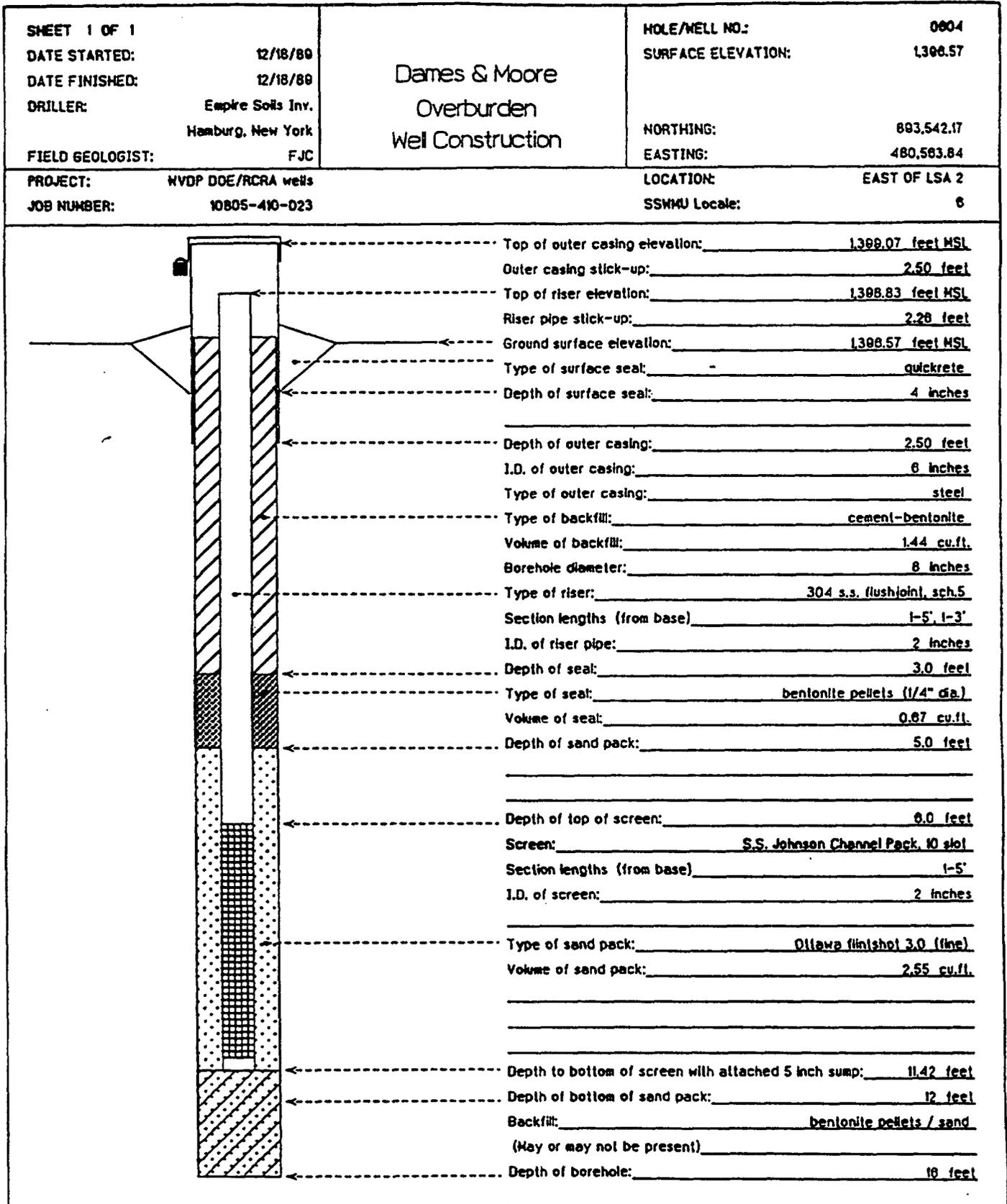


SHEET 1 OF 1 DATE STARTED: 1/10/80 DATE FINISHED: 1/11/80 DRILLER: Empire Soils Inv. Hamburg, New York FIELD GEOLOGIST: FJC		Dames & Moore Overburden Well Construction	HOLE/WELL NO.: 0602 SURFACE ELEVATION: 1393.19 NORTHING: 893,37136 EASTING: 480,928.02
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023			LOCATION: EAST OF LSA 1 SSWMU Locale: 6

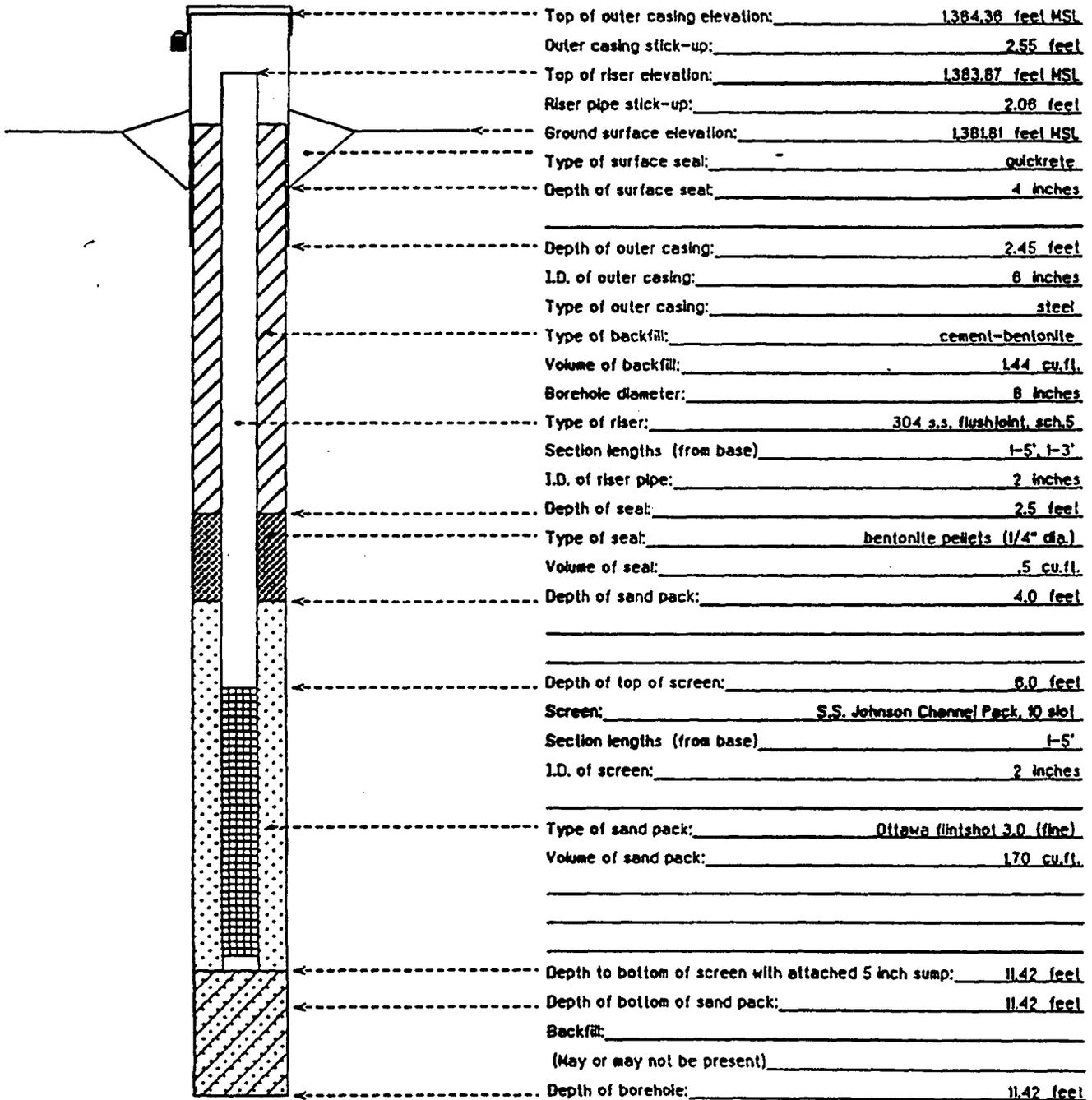


SHEET 1 OF 1		Dames & Moore Overburden Well Construction	HOLE/WELL NO:	0603
DATE STARTED:	12/8/89		SURFACE ELEVATION:	1401.66
DATE FINISHED:	12/8/89		NORTHING:	893,485.01
DRILLER:	Empire Soils Inv. Hamburg, New York		EASTING:	480,373.87
FIELD GEOLOGIST:	JTB		LOCATION:	S. OF LSA 2
PROJECT:	WVDP DOE/RCRA wells		SSWU Locale:	6
JOB NUMBER:	10805-410-023			

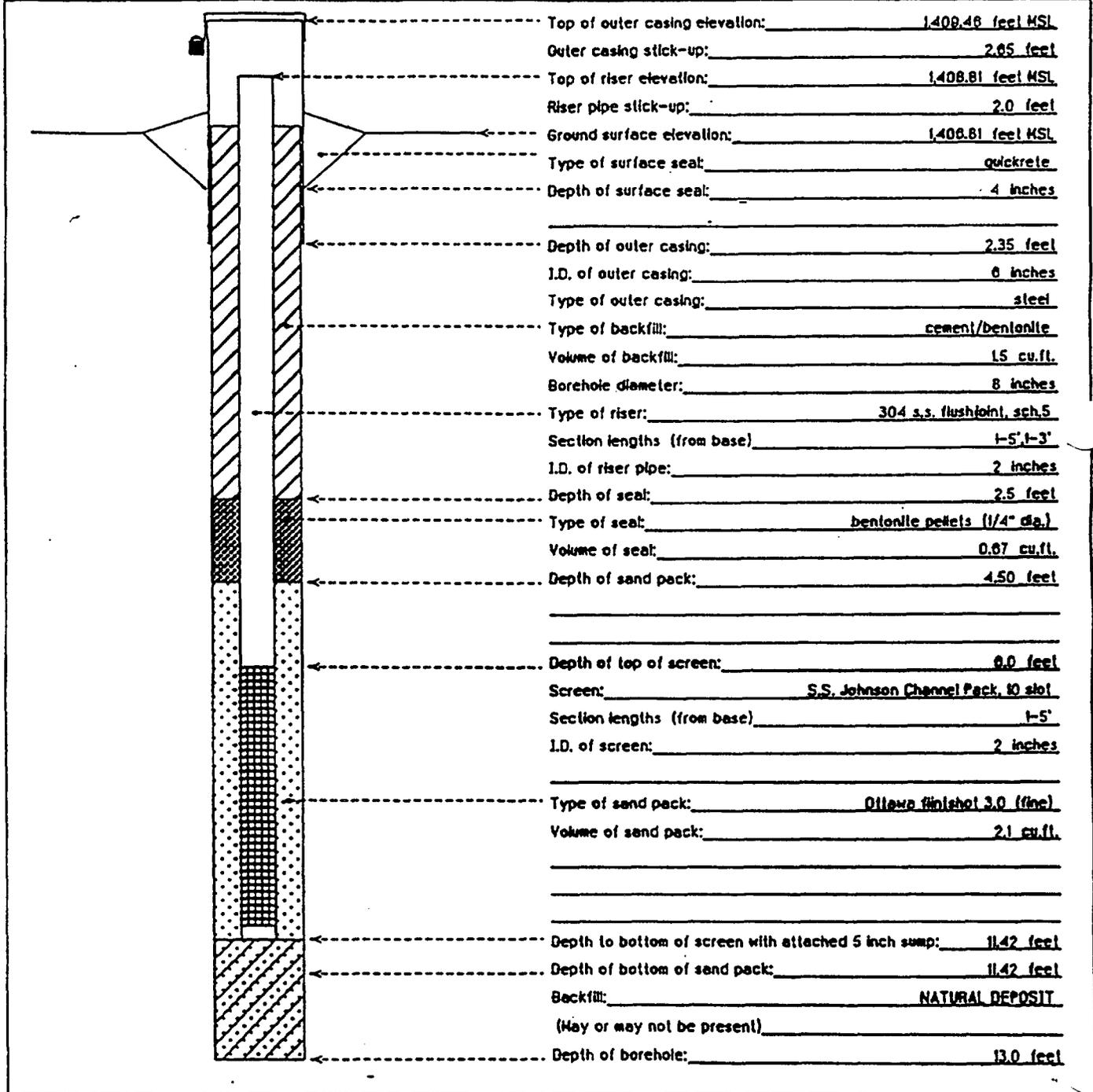


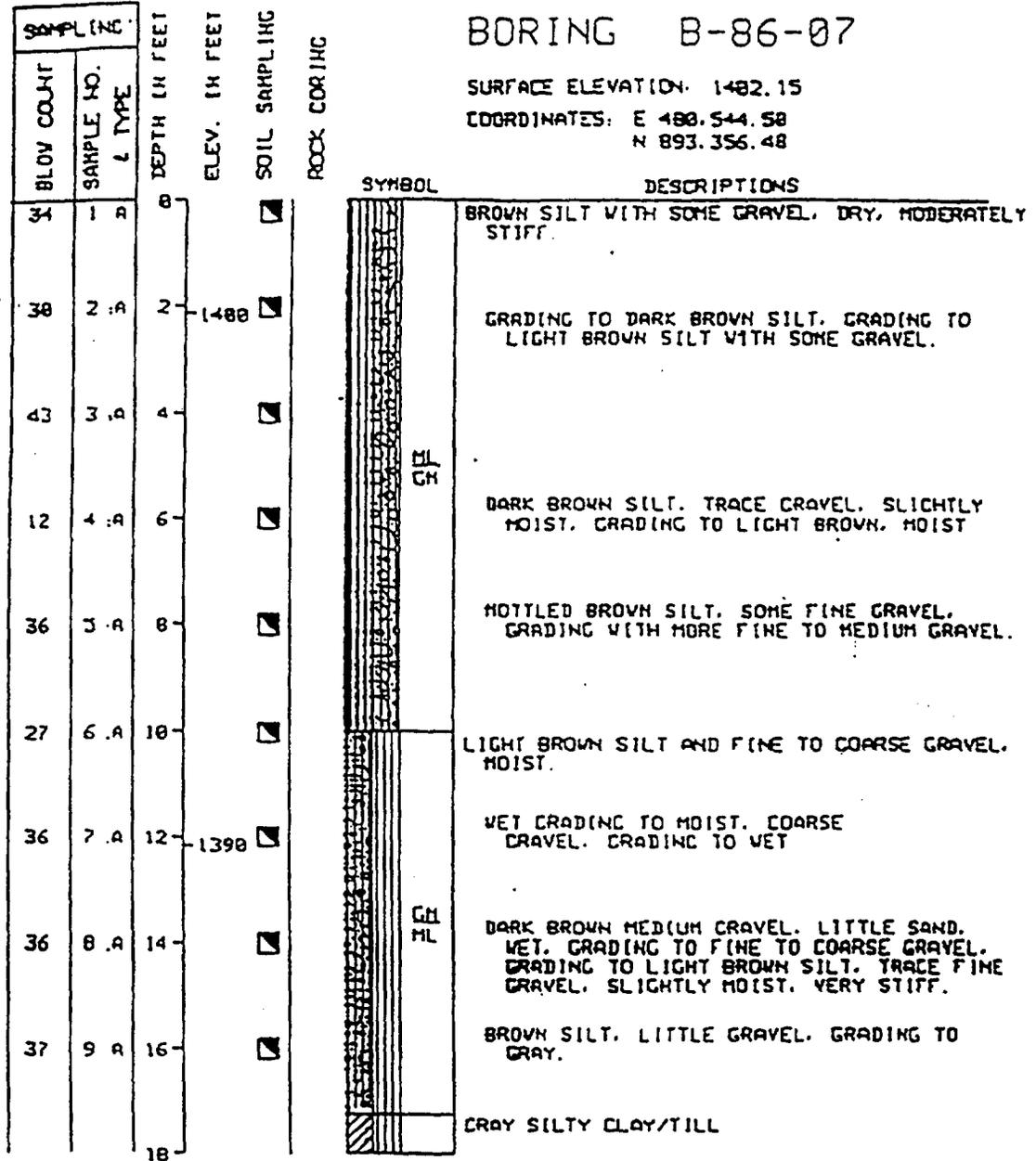


SHEET 1 OF 1 DATE STARTED: 3/26/90 DATE FINISHED: 3/26/90 DRILLER: Empire Soils Inv. Hamburg, New York FIELD GEOLOGIST: FJC		Dames & Moore Overburden Well Construction	HOLE/WELL NO.: 0805 SURFACE ELEVATION: 1381.81
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023			NORTHING: 893,783.78 EASTING: 480,888.49 LOCATION: N. OF LSA 3 SSWKM Locale: 8



SHEET 1 OF 1		Dames & Moore Overburden Well Construction	HOLE/WELL NO.:	0706
DATE STARTED:	1/19/90		SURFACE ELEVATION:	1408.81
DATE FINISHED:	1/23/90		NORTHING:	893,478.76
DRILLER:	Empire Soils Inv. Hamburg, New York		EASTING:	480,245.81
FIELD GEOLOGIST:	FJC		PROJECT:	WVDP DOE/RCRA wells
JOB NUMBER: 10805-410-023		LOCATION:	S. CPC STORAGE AREA	
		SSNMU Locale:	7	





BORING COMPLETED ON 7/9/86

THIS PAGE INTENTIONALLY LEFT BLANK

Appendix C

Groundwater Contamination Indicator Parameter Data

THIS PAGE INTENTIONALLY LEFT BLANK

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0301	pH	02/07/91	91-00988	7.43	N/A	
WNW0301	pH	05/01/91	91-03294	7.32	N/A	
WNW0301	pH	05/22/91	91-04101	7.44	N/A	
WNW0301	pH	07/17/91	91-06188	7.18	N/A	
WNW0301	pH	08/26/91	91-07585	7.13	N/A	
WNW0301	pH	08/26/91	91-07585	7.12	N/A	
WNW0301	pH	10/30/91	91-09657	6.94	N/A	
WNW0301	pH	10/30/91	91-09657	7.07	N/A	
WNW0301	pH	11/25/91	91-11251	7.26	N/A	
WNW0301	pH	11/25/91	91-11251	7.19	N/A	
WNW0301	pH	01/22/92	92-00083	6.98	N/A	
WNW0301	pH	01/22/92	92-00083	7.10	N/A	
WNW0301	pH	03/04/92	92-01937	6.98	N/A	
WNW0301	pH	03/04/92	92-01937	7.03	N/A	
WNW0301	pH	04/15/92	92-04021	7.23	N/A	
WNW0301	pH	04/15/92	92-04021	7.34	N/A	
WNW0301	pH	07/24/92	92-06793	6.98	N/A	
WNW0301	pH	07/24/92	92-06793	6.86	N/A	
WNW0301	pH	08/31/92	92-09242	6.94	N/A	
WNW0301	pH	08/31/92	92-09242	6.78	N/A	
WNW0301	pH	10/13/92	92-10867	7.08	N/A	
WNW0301	pH	10/13/92	92-10867	7.04	N/A	
WNW0301	pH	11/09/92	92-11703	6.88	N/A	
WNW0301	pH	11/09/92	92-11703	6.90	N/A	
WNW0301	pH	12/09/92	92-13377	6.84	N/A	
WNW0301	pH	12/09/92	92-13377	6.82	N/A	
WNW0301	pH	01/18/93	93-00365	7.00	N/A	
WNW0301	pH	01/18/93	93-00365	7.02	N/A	
WNW0301	pH	02/25/93	93-02048	7.08	N/A	
WNW0301	pH	02/25/93	93-02048	7.13	N/A	
WNW0301	pH	04/28/93	93-03882	6.86	N/A	
WNW0301	pH	04/28/93	93-03882	6.87	N/A	
WNW0301	pH	06/02/93	93-05829	6.98	N/A	
WNW0301	pH	06/02/93	93-05829	6.93	N/A	
WNW0301	pH	07/19/93	93-07195	6.91	N/A	
WNW0301	pH	07/19/93	93-07195	6.98	N/A	
WNW0301	pH	10/29/93	93-11084	6.92	N/A	
WNW0301	pH	10/29/93	93-11084	7.00	N/A	
WNW0301	pH	02/21/94	94-01209	7.11	N/A	
WNW0301	pH	02/21/94	94-01209	7.22	N/A	
WNW0301	pH	05/16/94	94-03809	7.75	N/A	
WNW0301	pH	05/16/94	94-03809	7.62	N/A	
WNW0301	pH	07/01/94	94-06671	7.05	N/A	
WNW0301	pH	07/01/94	94-06671	6.98	N/A	
WNW0301	pH	10/04/94	94-10649	7.01	N/A	
WNW0301	pH	10/04/94	94-10649	7.00	N/A	
WNW0301	pH	12/02/94	94-13146	7.14	N/A	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0301	pH	12/02/94	94-13146	7.12	N/A	
WNW0301	Cond	02/07/91	91-00988	641.0	umhos/cm	
WNW0301	Cond	05/01/91	91-03294	630.0	umhos/cm	
WNW0301	Cond	05/22/91	91-04101	731.0	umhos/cm	
WNW0301	Cond	07/17/91	91-06188	665.0	umhos/cm	
WNW0301	Cond	08/26/91	91-07585	779.0	umhos/cm	
WNW0301	Cond	08/26/91	91-07585	888.0	umhos/cm	
WNW0301	Cond	10/30/91	91-09657	698.0	umhos/cm	
WNW0301	Cond	10/30/91	91-09657	692.0	umhos/cm	
WNW0301	Cond	11/25/91	91-11251	911.0	umhos/cm	
WNW0301	Cond	11/25/91	91-11251	954.0	umhos/cm	
WNW0301	Cond	01/22/92	92-00083	666.0	umhos/cm	
WNW0301	Cond	01/22/92	92-00083	693.0	umhos/cm	
WNW0301	Cond	03/04/92	92-01937	773.0	umhos/cm	
WNW0301	Cond	03/04/92	92-01937	756.0	umhos/cm	
WNW0301	Cond	04/15/92	92-04021	739.0	umhos/cm	
WNW0301	Cond	04/15/92	92-04021	771.0	umhos/cm	
WNW0301	Cond	07/24/92	92-06793	709.0	umhos/cm	
WNW0301	Cond	07/24/92	92-06793	699.0	umhos/cm	
WNW0301	Cond	08/31/92	92-09242	590.0	umhos/cm	
WNW0301	Cond	08/31/92	92-09242	639.0	umhos/cm	
WNW0301	Cond	10/13/92	92-10867	922.0	umhos/cm	
WNW0301	Cond	10/13/92	92-10867	754.0	umhos/cm	
WNW0301	Cond	11/09/92	92-11703	624.0	umhos/cm	
WNW0301	Cond	11/09/92	92-11703	624.0	umhos/cm	
WNW0301	Cond	12/09/92	92-13377	649.0	umhos/cm	
WNW0301	Cond	12/09/92	92-13377	622.0	umhos/cm	
WNW0301	Cond	01/18/93	93-00365	690.0	umhos/cm	
WNW0301	Cond	01/18/93	93-00365	680.0	umhos/cm	
WNW0301	Cond	02/25/93	93-02048	896.0	umhos/cm	
WNW0301	Cond	02/25/93	93-02048	825.0	umhos/cm	
WNW0301	Cond	04/28/93	93-03882	919.0	umhos/cm	
WNW0301	Cond	04/28/93	93-03882	933.0	umhos/cm	
WNW0301	Cond	06/02/93	93-05829	871.0	umhos/cm	
WNW0301	Cond	06/02/93	93-05829	1077	umhos/cm	
WNW0301	Cond	07/19/93	93-07195	753.0	umhos/cm	
WNW0301	Cond	07/19/93	93-07195	804.0	umhos/cm	
WNW0301	Cond	10/29/93	93-11084	724.0	umhos/cm	
WNW0301	Cond	10/29/93	93-11084	711.0	umhos/cm	
WNW0301	Cond	02/21/94	94-01209	973.0	umhos/cm	
WNW0301	Cond	02/21/94	94-01209	951.0	umhos/cm	
WNW0301	Cond	05/16/94	94-03809	1120	umhos/cm	
WNW0301	Cond	05/16/94	94-03809	1140	umhos/cm	
WNW0301	Cond	07/01/94	94-06671	880.0	umhos/cm	
WNW0301	Cond	07/01/94	94-06671	860.0	umhos/cm	
WNW0301	Cond	10/04/94	94-10649	686	umhos/cm	
WNW0301	Cond	10/04/94	94-10649	729	umhos/cm	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0301	Cond	12/02/94	94-13146	800	umhos/cm	
WNW0301	Cond	12/02/94	94-13146	880	umhos/cm	
WNW0301	NPOC	05/01/91	91-03297	1.0	mg/L	
WNW0301	NPOC	05/22/91	91-04105	1.6	mg/L	
WNW0301	NPOC	07/17/91	91-06192	1.5	mg/L	
WNW0301	NPOC	08/26/91	91-07589	1.6	mg/L	
WNW0301	NPOC	10/30/91	91-09660	1.6	mg/L	
WNW0301	NPOC	11/25/91	91-11255	2.8	mg/L	J
WNW0301	NPOC	01/22/92	92-00084	0.8	mg/L	
WNW0301	NPOC	03/04/92	92-01938	0.9	mg/L	
WNW0301	NPOC	04/15/92	92-04022	0.8	mg/L	
WNW0301	NPOC	04/15/92	92-04085	1.1	mg/L	
WNW0301	NPOC	07/24/92	92-06794	1.0	mg/L	
WNW0301	NPOC	08/31/92	92-09243	1.2	mg/L	
WNW0301	NPOC	10/13/92	92-10868	0.9	mg/L	
WNW0301	NPOC	10/13/92	92-10868	0.8	mg/L	
WNW0301	NPOC	11/09/92	92-11704	0.7	mg/L	
WNW0301	NPOC	12/09/92	92-13378	0.9	mg/L	
WNW0301	NPOC	01/18/93	93-00366	0.7	mg/L	
WNW0301	NPOC	02/25/93	93-02049	0.8	mg/L	
WNW0301	NPOC	04/28/93	93-03883	0.9	mg/L	
WNW0301	NPOC	06/02/93	93-05830	0.9	mg/L	
WNW0301	NPOC	07/19/93	93-07196	1.0	mg/L	
WNW0301	NPOC	10/29/93	93-11085	0.700	mg/L	
WNW0301	NPOC	02/21/94	94-01210	0.8	mg/L	
WNW0301	NPOC	05/16/94	94-03811	1.0	mg/L	
WNW0301	NPOC	05/16/94	94-03811	0.7	mg/L	
WNW0301	NPOC	07/01/94	94-06672	1.6	mg/L	
WNW0301	NPOC	10/04/94	94-10878	1.7	mg/L	
WNW0301	NPOC	12/02/94	94-13149	3.9	mg/L	
WNW0301	TOX	05/01/91	91-03297	16.0	ug/L	
WNW0301	TOX	05/22/91	91-04105	13.0	ug/L	J
WNW0301	TOX	07/17/91	91-06192	10.0	ug/L	
WNW0301	TOX	08/26/91	91-07589	31.0	ug/L	
WNW0301	TOX	10/30/91	91-09660	14.0	ug/L	
WNW0301	TOX	11/25/91	91-11255	ND < 5.0	ug/L	
WNW0301	TOX	01/22/92	92-00084	ND < 4.0	ug/L	
WNW0301	TOX	03/04/92	92-01938	5.7	ug/L	
WNW0301	TOX	04/15/92	92-04022	10.1	ug/L	
WNW0301	TOX	04/15/92	92-04085	10.6	ug/L	
WNW0301	TOX	07/24/92	92-06794	ND < 4.0	ug/L	
WNW0301	TOX	08/31/92	92-09243	ND < 4.0	ug/L	
WNW0301	TOX	10/13/92	92-10868	ND < 4.0	ug/L	
WNW0301	TOX	11/09/92	92-11704	ND < 4.0	ug/L	
WNW0301	TOX	12/09/92	92-13378	ND < 4.0	ug/L	
WNW0301	TOX	01/18/93	93-00366	3.0	ug/L	
WNW0301	TOX	02/25/93	93-02049	2.0	ug/L	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0301	TOX	04/28/93	93-03883	17.6	ug/L	
WNW0301	TOX	06/02/93	93-05830	ND < 6.0	ug/L	
WNW0301	TOX	07/19/93	93-07196	5.2	ug/L	
WNW0301	TOX	10/29/93	93-11085	ND < 2.00	ug/L	
WNW0301	TOX	02/21/94	94-01210	2.0	ug/L	
WNW0301	TOX	05/16/94	94-03811	2.3	ug/L	
WNW0301	TOX	07/01/94	94-06672	5.4	ug/L	
WNW0301	TOX	10/04/94	94-10650	17.0	ug/L	J
WNW0301	TOX	12/02/94	94-13147	20.0	ug/L	
WNW0401	pH	02/07/91	91-00992	6.43	N/A	
WNW0401	pH	02/07/91	91-00992	6.34	N/A	
WNW0401	pH	05/01/91	91-03306	6.92	N/A	
WNW0401	pH	05/01/91	91-03306	6.95	N/A	
WNW0401	pH	05/21/91	91-04137	6.91	N/A	
WNW0401	pH	07/15/91	91-06208	6.18	N/A	
WNW0401	pH	08/26/91	91-07603	6.94	N/A	
WNW0401	pH	08/26/91	91-07603	6.95	N/A	
WNW0401	pH	10/29/91	91-09673	6.81	N/A	
WNW0401	pH	10/29/91	91-09673	6.86	N/A	
WNW0401	pH	11/27/91	91-11299	6.68	N/A	
WNW0401	pH	11/27/91	91-11299	6.39	N/A	
WNW0401	pH	01/22/92	92-00099	6.58	N/A	
WNW0401	pH	01/22/92	92-00099	6.56	N/A	
WNW0401	pH	03/04/92	92-01981	6.85	N/A	
WNW0401	pH	03/04/92	92-01981	6.61	N/A	
WNW0401	pH	04/13/92	92-04037	6.84	N/A	
WNW0401	pH	04/13/92	92-04037	6.70	N/A	
WNW0401	pH	07/16/92	92-06923	6.14	N/A	
WNW0401	pH	07/16/92	92-06923	6.15	N/A	
WNW0401	pH	08/26/92	92-09007	6.90	N/A	
WNW0401	pH	08/26/92	92-09007	6.97	N/A	
WNW0401	pH	10/05/92	92-10543	6.77	N/A	
WNW0401	pH	10/05/92	92-10543	6.83	N/A	
WNW0401	pH	11/04/92	92-11595	6.87	N/A	
WNW0401	pH	11/04/92	92-11595	6.87	N/A	
WNW0401	pH	12/07/92	92-12849	6.77	N/A	
WNW0401	pH	12/07/92	92-12849	6.79	N/A	
WNW0401	pH	01/13/93	93-00161	6.76	N/A	
WNW0401	pH	01/13/93	93-00161	6.62	N/A	
WNW0401	pH	02/18/93	93-01742	7.13	N/A	
WNW0401	pH	02/18/93	93-01742	7.06	N/A	
WNW0401	pH	04/21/93	93-03773	6.72	N/A	
WNW0401	pH	04/21/93	93-03773	6.99	N/A	
WNW0401	pH	05/24/93	93-05608	7.23	N/A	
WNW0401	pH	05/24/93	93-05608	7.18	N/A	
WNW0401	pH	07/12/93	93-06975	6.25	N/A	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0401	pH	07/12/93	93-06975	6.40	N/A	
WNW0401	pH	11/04/93	93-11500	6.59	N/A	
WNW0401	pH	11/04/93	93-11500	6.71	N/A	
WNW0401	pH	02/21/94	94-00263	6.14	N/A	
WNW0401	pH	02/21/94	94-00263	6.19	N/A	
WNW0401	pH	05/04/94	94-02988	7.14	N/A	
WNW0401	pH	05/04/94	94-02988	7.04	N/A	
WNW0401	pH	07/05/94	94-06604	7.13	N/A	
WNW0401	pH	07/05/94	94-06604	7.12	N/A	
WNW0401	pH	10/05/94	94-10713	6.95	N/A	
WNW0401	pH	10/05/94	94-10713	6.94	N/A	
WNW0401	pH	12/02/94	94-13251	7.02	N/A	
WNW0401	pH	12/02/94	94-13251	7.00	N/A	
WNW0401	Cond	02/07/91	91-00992	2210	umhos/cm	
WNW0401	Cond	02/07/91	91-00992	2200	umhos/cm	
WNW0401	Cond	05/01/91	91-03306	1176	umhos/cm	
WNW0401	Cond	05/01/91	91-03306	1175	umhos/cm	
WNW0401	Cond	05/21/91	91-04137	2120	umhos/cm	
WNW0401	Cond	07/15/91	91-06208	1006	umhos/cm	
WNW0401	Cond	08/26/91	91-07603	1155	umhos/cm	
WNW0401	Cond	08/26/91	91-07603	1164	umhos/cm	
WNW0401	Cond	10/29/91	91-09673	1133	umhos/cm	
WNW0401	Cond	10/29/91	91-09673	1153	umhos/cm	
WNW0401	Cond	11/27/91	91-11299	975.0	umhos/cm	J
WNW0401	Cond	11/27/91	91-11299	880.0	umhos/cm	J
WNW0401	Cond	01/22/92	92-00099	1252	umhos/cm	
WNW0401	Cond	01/22/92	92-00099	1316	umhos/cm	
WNW0401	Cond	03/04/92	92-01981	1932	umhos/cm	
WNW0401	Cond	03/04/92	92-01981	2010	umhos/cm	
WNW0401	Cond	04/13/92	92-04037	2040	umhos/cm	
WNW0401	Cond	04/13/92	92-04037	2000	umhos/cm	
WNW0401	Cond	07/16/92	92-06923	1485	umhos/cm	
WNW0401	Cond	07/16/92	92-06923	1479	umhos/cm	
WNW0401	Cond	08/26/92	92-09007	1712	umhos/cm	
WNW0401	Cond	08/26/92	92-09007	1714	umhos/cm	
WNW0401	Cond	10/05/92	92-10543	1557	umhos/cm	
WNW0401	Cond	10/05/92	92-10543	1579	umhos/cm	
WNW0401	Cond	11/04/92	92-11595	1550	umhos/cm	
WNW0401	Cond	11/04/92	92-11595	1474	umhos/cm	
WNW0401	Cond	12/07/92	92-12849	1407	umhos/cm	
WNW0401	Cond	12/07/92	92-12849	1368	umhos/cm	
WNW0401	Cond	01/13/93	93-00161	1278	umhos/cm	
WNW0401	Cond	01/13/93	93-00161	1384	umhos/cm	
WNW0401	Cond	02/18/93	93-01742	1348	umhos/cm	
WNW0401	Cond	02/18/93	93-01742	1321	umhos/cm	
WNW0401	Cond	04/21/93	93-03773	1972	umhos/cm	
WNW0401	Cond	04/21/93	93-03773	1731	umhos/cm	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0401	Cond	05/24/93	93-05608	1673	umhos/cm	
WNW0401	Cond	05/24/93	93-05608	1726	umhos/cm	
WNW0401	Cond	07/12/93	93-06975	2210	umhos/cm	
WNW0401	Cond	07/12/93	93-06975	2100	umhos/cm	
WNW0401	Cond	11/04/93	93-11500	2040	umhos/cm	
WNW0401	Cond	11/04/93	93-11500	1726	umhos/cm	
WNW0401	Cond	02/21/94	94-00263	4070	umhos/cm	
WNW0401	Cond	02/21/94	94-00263	3960	umhos/cm	
WNW0401	Cond	05/04/94	94-02988	2460	umhos/cm	
WNW0401	Cond	05/04/94	94-02988	2610	umhos/cm	
WNW0401	Cond	07/05/94	94-06604	3200	umhos/cm	
WNW0401	Cond	07/05/94	94-06604	3130	umhos/cm	
WNW0401	Cond	10/05/94	94-10713	2880	umhos/cm	
WNW0401	Cond	10/05/94	94-10713	2770	umhos/cm	
WNW0401	Cond	12/02/94	94-13251	2850	umhos/cm	
WNW0401	Cond	12/02/94	94-13251	2790	umhos/cm	
WNW0401	NPOC	05/01/91	91-03309	1.9	mg/L	
WNW0401	NPOC	05/21/91	91-04141	8.0	mg/L	
WNW0401	NPOC	07/15/91	91-06212	10.0	mg/L	
WNW0401	NPOC	08/26/91	91-07607	2.6	mg/L	
WNW0401	NPOC	10/29/91	91-09676	ND < 1.0	mg/L	
WNW0401	NPOC	11/27/91	91-11303	2.9	mg/L	
WNW0401	NPOC	01/22/92	92-00100	0.7	mg/L	
WNW0401	NPOC	03/04/92	92-01982	0.6	mg/L	
WNW0401	NPOC	03/04/92	92-02888	0.6	mg/L	
WNW0401	NPOC	04/13/92	92-04038	0.9	mg/L	
WNW0401	NPOC	07/16/92	92-06924	1.3	mg/L	
WNW0401	NPOC	07/16/92	92-06924	1.1	mg/L	
WNW0401	NPOC	08/26/92	92-09008	0.7	mg/L	
WNW0401	NPOC	10/05/92	92-10544	0.6	mg/L	
WNW0401	NPOC	11/04/92	92-11596	0.7	mg/L	
WNW0401	NPOC	12/07/92	92-12850	0.7	mg/L	
WNW0401	NPOC	12/07/92	92-13224	0.6	mg/L	
WNW0401	NPOC	01/13/93	93-00162	0.8	mg/L	
WNW0401	NPOC	02/18/93	93-01743	0.6	mg/L	
WNW0401	NPOC	02/18/93	93-01912	0.6	mg/L	
WNW0401	NPOC	04/21/93	93-03774	0.6	mg/L	
WNW0401	NPOC	05/24/93	93-05609	0.8	mg/L	
WNW0401	NPOC	07/12/93	93-06976	0.8	mg/L	
WNW0401	NPOC	11/04/93	93-11501	0.900	mg/L	
WNW0401	NPOC	02/21/94	94-00264	1.8	mg/L	
WNW0401	NPOC	05/04/94	94-02989	0.8	mg/L	
WNW0401	NPOC	07/05/94	94-06605	0.8	mg/L	
WNW0401	NPOC	10/05/94	94-10858	ND < 1.0	mg/L	
WNW0401	NPOC	10/05/94	94-10942	ND < 1.0	mg/L	
WNW0401	NPOC	12/02/94	94-13254	ND < 1.0	mg/L	
WNW0401	TOX	05/01/91	91-03309	46.0	ug/L	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0401	TOX	05/21/91	91-04141	44.0	ug/L	J
WNW0401	TOX	07/15/91	91-06212	13.0	ug/L	
WNW0401	TOX	08/26/91	91-07607	ND<5.0	ug/L	J
WNW0401	TOX	10/29/91	91-09676	7.4	ug/L	
WNW0401	TOX	11/27/91	91-11303	6.1	ug/L	J
WNW0401	TOX	01/22/92	92-00100	6.2	ug/L	
WNW0401	TOX	03/04/92	92-01982	9.8	ug/L	
WNW0401	TOX	03/04/92	92-02888	ND<4.0	ug/L	
WNW0401	TOX	04/13/92	92-04038	18.0	ug/L	
WNW0401	TOX	07/16/92	92-07850	6.1	ug/L	
WNW0401	TOX	08/26/92	92-09008	6.2	ug/L	
WNW0401	TOX	10/05/92	92-10544	6.4	ug/L	
WNW0401	TOX	11/04/92	92-11596	6.2	ug/L	
WNW0401	TOX	12/07/92	92-12850	ND<4.0	ug/L	
WNW0401	TOX	12/07/92	92-13224	4.8	ug/L	
WNW0401	TOX	01/13/93	93-00162	15.4	ug/L	
WNW0401	TOX	02/18/93	93-01743	10.6	ug/L	
WNW0401	TOX	02/18/93	93-01912	4.5	ug/L	
WNW0401	TOX	04/21/93	93-03774	19.8	ug/L	
WNW0401	TOX	05/24/93	93-05609	7.4	ug/L	
WNW0401	TOX	07/12/93	93-06976	15.8	ug/L	
WNW0401	TOX	11/04/93	93-11501	12.8	ug/L	
WNW0401	TOX	02/21/94	94-00264	22.4	ug/L	
WNW0401	TOX	05/04/94	94-02989	17.8	ug/L	
WNW0401	TOX	07/05/94	94-06605	9.0	ug/L	
WNW0401	TOX	10/05/94	94-10714	25.0	ug/L	J
WNW0401	TOX	10/05/94	94-10934	20.0	ug/L	J
WNW0401	TOX	12/02/94	94-13252	16.0	ug/L	
WNW0406	pH	02/07/91	91-00998	7.19	N/A	
WNW0406	pH	02/07/91	91-00998	7.23	N/A	
WNW0406	pH	05/01/91	91-03314	7.26	N/A	
WNW0406	pH	05/01/91	91-03314	7.16	N/A	
WNW0406	pH	05/21/91	91-04182	7.30	N/A	
WNW0406	pH	07/15/91	91-06275	7.02	N/A	
WNW0406	pH	08/26/91	91-07630	7.04	N/A	
WNW0406	pH	08/26/91	91-07630	7.08	N/A	
WNW0406	pH	10/28/91	91-09693	7.08	N/A	
WNW0406	pH	10/28/91	91-09693	7.15	N/A	
WNW0406	pH	11/25/91	91-11358	6.84	N/A	
WNW0406	pH	11/25/91	91-11358	6.88	N/A	
WNW0406	pH	01/21/92	92-00119	6.74	N/A	
WNW0406	pH	01/21/92	92-00119	6.76	N/A	
WNW0406	pH	10/02/92	92-02036	6.83	N/A	
WNW0406	pH	10/02/92	92-02036	6.87	N/A	
WNW0406	pH	04/15/92	92-04057	7.16	N/A	
WNW0406	pH	04/15/92	92-04057	7.22	N/A	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0406	pH	07/16/92	92-06988	6.87	N/A	
WNW0406	pH	07/16/92	92-06988	6.93	N/A	
WNW0406	pH	08/26/92	92-09027	6.94	N/A	
WNW0406	pH	08/26/92	92-09027	6.84	N/A	
WNW0406	pH	10/05/92	92-10563	7.00	N/A	
WNW0406	pH	10/05/92	92-10563	6.95	N/A	
WNW0406	pH	11/04/92	92-11615	6.82	N/A	
WNW0406	pH	11/04/92	92-11615	6.77	N/A	
WNW0406	pH	12/08/92	92-12914	7.05	N/A	
WNW0406	pH	12/08/92	92-12914	6.95	N/A	
WNW0406	pH	01/13/93	93-00181	6.87	N/A	
WNW0406	pH	01/13/93	93-00181	6.90	N/A	
WNW0406	pH	02/17/93	93-01792	7.08	N/A	
WNW0406	pH	04/21/93	93-03793	6.96	N/A	
WNW0406	pH	04/21/93	93-03793	6.95	N/A	
WNW0406	pH	05/24/93	93-05628	7.30	N/A	
WNW0406	pH	05/24/93	93-05628	7.16	N/A	
WNW0406	pH	07/12/93	93-06995	6.97	N/A	
WNW0406	pH	07/12/93	93-06995	6.91	N/A	
WNW0406	pH	11/04/93	93-11685	6.97	N/A	
WNW0406	pH	11/04/93	93-11685	7.07	N/A	
WNW0406	pH	02/21/94	94-00278	6.96	N/A	
WNW0406	pH	02/21/94	94-00278	6.97	N/A	
WNW0406	pH	05/04/94	94-03047	7.32	N/A	
WNW0406	pH	07/05/94	94-06838	7.01	N/A	
WNW0406	pH	07/05/94	94-06838	7.03	N/A	
WNW0406	pH	10/05/94	94-10758	6.98	N/A	
WNW0406	pH	10/05/94	94-10758	7.11	N/A	
WNW0406	pH	12/07/94	94-13271	7.36	N/A	
WNW0406	pH	12/07/94	94-13271	7.26	N/A	
WNW0406	Cond	02/07/91	91-00998	583.0	umhos/cm	
WNW0406	Cond	02/07/91	91-00998	577.0	umhos/cm	
WNW0406	Cond	05/01/91	91-03314	580.0	umhos/cm	
WNW0406	Cond	05/01/91	91-03314	583.0	umhos/cm	
WNW0406	Cond	05/21/91	91-04182	582.0	umhos/cm	
WNW0406	Cond	07/15/91	91-06275	650.0	umhos/cm	
WNW0406	Cond	08/26/91	91-07630	680.0	umhos/cm	
WNW0406	Cond	08/26/91	91-07630	676.0	umhos/cm	
WNW0406	Cond	10/28/91	91-09693	711.0	umhos/cm	
WNW0406	Cond	10/28/91	91-09693	718.0	umhos/cm	
WNW0406	Cond	11/25/91	91-11358	702.0	umhos/cm	
WNW0406	Cond	11/25/91	91-11358	700.0	umhos/cm	
WNW0406	Cond	01/21/92	92-00119	686.0	umhos/cm	
WNW0406	Cond	01/21/92	92-00119	683.0	umhos/cm	
WNW0406	Cond	10/02/92	92-02036	694.0	umhos/cm	
WNW0406	Cond	10/02/92	92-02036	712.0	umhos/cm	
WNW0406	Cond	04/15/92	92-04057	701.0	umhos/cm	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0406	Cond	04/15/92	92-04057	688.0	umhos/cm	
WNW0406	Cond	07/16/92	92-06988	695.0	umhos/cm	
WNW0406	Cond	07/16/92	92-06988	687.0	umhos/cm	
WNW0406	Cond	08/26/92	92-09027	605.0	umhos/cm	
WNW0406	Cond	08/26/92	92-09027	621.0	umhos/cm	
WNW0406	Cond	10/05/92	92-10563	621.0	umhos/cm	
WNW0406	Cond	10/05/92	92-10563	626.0	umhos/cm	
WNW0406	Cond	11/04/92	92-11615	616.0	umhos/cm	
WNW0406	Cond	11/04/92	92-11615	638.0	umhos/cm	
WNW0406	Cond	12/08/92	92-12914	596.0	umhos/cm	
WNW0406	Cond	12/08/92	92-12914	592.0	umhos/cm	
WNW0406	Cond	01/13/93	93-00181	662.0	umhos/cm	
WNW0406	Cond	01/13/93	93-00181	621.0	umhos/cm	
WNW0406	Cond	02/17/93	93-01792	6220	umhos/cm	
WNW0406	Cond	04/21/93	93-03793	674.0	umhos/cm	
WNW0406	Cond	04/21/93	93-03793	680.0	umhos/cm	
WNW0406	Cond	05/24/93	93-05628	680.0	umhos/cm	
WNW0406	Cond	05/24/93	93-05628	667.0	umhos/cm	
WNW0406	Cond	07/12/93	93-06995	680.0	umhos/cm	
WNW0406	Cond	07/12/93	93-06995	710.0	umhos/cm	
WNW0406	Cond	11/04/93	93-11685	645.0	umhos/cm	2
WNW0406	Cond	11/04/93	93-11685	628.0	umhos/cm	
WNW0406	Cond	02/21/94	94-00278	617.0	umhos/cm	
WNW0406	Cond	02/21/94	94-00278	629.0	umhos/cm	
WNW0406	Cond	05/04/94	94-03047	606.0	umhos/cm	
WNW0406	Cond	07/05/94	94-06838	6100	umhos/cm	
WNW0406	Cond	07/05/94	94-06838	6110	umhos/cm	
WNW0406	Cond	10/05/94	94-10758	607	umhos/cm	
WNW0406	Cond	10/05/94	94-10758	615	umhos/cm	
WNW0406	Cond	12/07/94	94-13271	591	umhos/cm	
WNW0406	Cond	12/07/94	94-13271	589	umhos/cm	
WNW0406	NPOC	05/01/91	91-03317	23.0	mg/L	
WNW0406	NPOC	05/21/91	91-04186	3.9	mg/L	
WNW0406	NPOC	07/15/91	91-06279	4.9	mg/L	
WNW0406	NPOC	08/26/91	91-07634	3.8	mg/L	
WNW0406	NPOC	10/28/91	91-09696	3.7	mg/L	
WNW0406	NPOC	11/25/91	91-11362	11.0	mg/L	F
WNW0406	NPOC	01/21/92	92-00120	4.2	mg/L	
WNW0406	NPOC	10/02/92	92-02037	3.2	mg/L	
WNW0406	NPOC	10/02/92	92-02037	3.3	mg/L	
WNW0406	NPOC	04/15/92	92-04058	3.1	mg/L	
WNW0406	NPOC	07/16/92	92-06989	3.1	mg/L	
WNW0406	NPOC	08/26/92	92-09028	3.7	mg/L	
WNW0406	NPOC	08/26/92	92-09113	3.5	mg/L	
WNW0406	NPOC	10/05/92	92-10564	3.7	mg/L	
WNW0406	NPOC	10/05/92	92-10564	3.7	mg/L	
WNW0406	NPOC	11/04/92	92-11616	3.1	mg/L	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0406	NPOC	11/04/92	92-11899	3.2	mg/L	
WNW0406	NPOC	12/08/92	92-12915	3.3	mg/L	
WNW0406	NPOC	01/13/93	93-00182	2.9	mg/L	
WNW0406	NPOC	02/17/93	93-01793	2.7	mg/L	
WNW0406	NPOC	04/21/93	93-03794	3.0	mg/L	
WNW0406	NPOC	05/24/93	93-05629	2.5	mg/L	
WNW0406	NPOC	07/12/93	93-06996	2.5	mg/L	
WNW0406	NPOC	07/12/93	93-07051	3.0	mg/L	
WNW0406	NPOC	07/12/93	93-07051	2.8	mg/L	
WNW0406	NPOC	11/04/93	93-11686	2.90	mg/L	
WNW0406	NPOC	02/21/94	94-00279	2.5	mg/L	
WNW0406	NPOC	05/04/94	94-03048	2.4	mg/L	
WNW0406	NPOC	07/05/94	94-06839	2.3	mg/L	
WNW0406	NPOC	07/05/94	94-06839	2.4	mg/L	
WNW0406	NPOC	10/05/94	94-10873	ND < 1.0	mg/L	
WNW0406	NPOC	12/07/94	94-13274	2.5	mg/L	
WNW0406	TOX	05/01/91	91-03317	ND < 5.0	ug/L	
WNW0406	TOX	05/21/91	91-04186	15.0	ug/L	J
WNW0406	TOX	07/15/91	91-06279	19.0	ug/L	
WNW0406	TOX	08/26/91	91-07634	20.0	ug/L	J
WNW0406	TOX	10/28/91	91-09696	18.0	ug/L	
WNW0406	TOX	11/25/91	91-11362	24.0	ug/L	
WNW0406	TOX	01/21/92	92-00120	17.3	ug/L	
WNW0406	TOX	10/02/92	92-02037	18.4	ug/L	
WNW0406	TOX	04/15/92	92-04058	10.3	ug/L	
WNW0406	TOX	07/16/92	92-07853	17.0	ug/L	
WNW0406	TOX	08/26/92	92-09028	16.6	ug/L	
WNW0406	TOX	08/26/92	92-09113	20.4	ug/L	
WNW0406	TOX	10/05/92	92-10564	4.9	ug/L	
WNW0406	TOX	11/04/92	92-11616	6.8	ug/L	
WNW0406	TOX	11/04/92	92-11899	6.4	ug/L	
WNW0406	TOX	12/08/92	92-12915	15.8	ug/L	
WNW0406	TOX	01/13/93	93-00182	17.2	ug/L	
WNW0406	TOX	02/17/93	93-01793	22.0	ug/L	
WNW0406	TOX	04/21/93	93-03794	35.2	ug/L	
WNW0406	TOX	05/24/93	93-05629	22.5	ug/L	
WNW0406	TOX	07/12/93	93-06996	12.0	ug/L	
WNW0406	TOX	07/12/93	93-07051	15.2	ug/L	
WNW0406	TOX	11/04/93	93-11686	12.6	ug/L	
WNW0406	TOX	02/21/94	94-00279	11.0	ug/L	
WNW0406	TOX	05/04/94	94-03048	13.8	ug/L	
WNW0406	TOX	07/05/94	94-06839	8.4	ug/L	
WNW0406	TOX	10/05/94	94-10759	19.0	ug/L	J
WNW0406	TOX	12/07/94	94-13272	25.0	ug/L	J
WNW0601	pH	02/06/91	91-01000	6.31	N/A	
WNW0601	pH	02/06/91	91-01000	6.32	N/A	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0601	pH	04/22/91	91-02942	6.61	N/A	
WNW0601	pH	04/22/91	91-02942	6.65	N/A	
WNW0601	pH	05/21/91	91-04209	5.19	N/A	
WNW0601	pH	07/17/91	91-06223	6.41	N/A	
WNW0601	pH	08/28/91	91-07640	6.62	N/A	
WNW0601	pH	10/30/91	91-09701	6.08	N/A	
WNW0601	pH	10/30/91	91-09701	6.26	N/A	
WNW0601	pH	11/25/91	91-11382	6.09	N/A	
WNW0601	pH	11/25/91	91-11382	6.12	N/A	
WNW0601	pH	01/20/92	92-00127	6.31	N/A	
WNW0601	pH	01/20/92	92-00127	6.17	N/A	
WNW0601	pH	03/04/92	92-02058	6.49	N/A	
WNW0601	pH	03/04/92	92-02058	6.42	N/A	
WNW0601	pH	04/13/92	92-04065	7.09	N/A	
WNW0601	pH	04/13/92	92-04065	6.82	N/A	
WNW0601	pH	07/20/92	92-06845	6.26	N/A	
WNW0601	pH	07/20/92	92-06845	6.24	N/A	
WNW0601	pH	09/02/92	92-09262	6.22	N/A	
WNW0601	pH	09/02/92	92-09262	6.23	N/A	
WNW0601	pH	10/12/92	92-10883	6.33	N/A	
WNW0601	pH	10/12/92	92-10883	6.28	N/A	
WNW0601	pH	11/09/92	92-11723	6.26	N/A	
WNW0601	pH	11/09/92	92-11723	6.26	N/A	
WNW0601	pH	12/07/92	92-13442	6.16	N/A	
WNW0601	pH	12/07/92	92-13442	6.38	N/A	
WNW0601	pH	01/18/93	93-00381	6.54	N/A	
WNW0601	pH	01/18/93	93-00381	6.38	N/A	
WNW0601	pH	02/25/93	93-02098	6.19	N/A	
WNW0601	pH	02/25/93	93-02098	6.10	N/A	
WNW0601	pH	04/26/93	93-03898	6.37	N/A	
WNW0601	pH	04/26/93	93-03898	6.35	N/A	
WNW0601	pH	06/02/93	93-05849	6.22	N/A	
WNW0601	pH	06/02/93	93-05849	6.22	N/A	
WNW0601	pH	07/19/93	93-07215	6.32	N/A	
WNW0601	pH	07/19/93	93-07215	6.29	N/A	
WNW0601	pH	11/11/93	93-12046	6.30	N/A	
WNW0601	pH	11/11/93	93-12046	6.22	N/A	
WNW0601	pH	10/22/94	94-01224	6.10	N/A	
WNW0601	pH	10/22/94	94-01224	6.59	N/A	
WNW0601	pH	05/16/94	94-03905	6.46	N/A	
WNW0601	pH	05/16/94	94-03905	6.51	N/A	
WNW0601	pH	07/01/94	94-06686	6.26	N/A	
WNW0601	pH	07/01/94	94-06686	6.20	N/A	
WNW0601	pH	10/03/94	94-10961	6.43	N/A	
WNW0601	pH	10/03/94	94-10961	6.42	N/A	
WNW0601	pH	12/01/94	94-13166	6.28	N/A	
WNW0601	pH	12/01/94	94-13166	6.35	N/A	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0601	Cond	02/06/91	91-01000	423.0	umhos/cm	
WNW0601	Cond	02/06/91	91-01000	413.0	umhos/cm	
WNW0601	Cond	04/22/91	91-02942	332.0	umhos/cm	
WNW0601	Cond	04/22/91	91-02942	338.0	umhos/cm	
WNW0601	Cond	05/21/91	91-04209	701.0	umhos/cm	
WNW0601	Cond	07/17/91	91-06223	461.0	umhos/cm	
WNW0601	Cond	08/28/91	91-07640	534.0	umhos/cm	
WNW0601	Cond	10/30/91	91-09701	519.0	umhos/cm	
WNW0601	Cond	10/30/91	91-09701	515.0	umhos/cm	
WNW0601	Cond	11/25/91	91-11382	503.0	umhos/cm	
WNW0601	Cond	11/25/91	91-11382	492.0	umhos/cm	
WNW0601	Cond	01/20/92	92-00127	496.0	umhos/cm	
WNW0601	Cond	01/20/92	92-00127	483.0	umhos/cm	
WNW0601	Cond	03/04/92	92-02058	575.0	umhos/cm	
WNW0601	Cond	03/04/92	92-02058	584.0	umhos/cm	
WNW0601	Cond	04/13/92	92-04065	499.0	umhos/cm	
WNW0601	Cond	04/13/92	92-04065	499.0	umhos/cm	
WNW0601	Cond	07/20/92	92-06845	424.0	umhos/cm	
WNW0601	Cond	07/20/92	92-06845	423.0	umhos/cm	
WNW0601	Cond	09/02/92	92-09262	429.0	umhos/cm	
WNW0601	Cond	09/02/92	92-09262	422.0	umhos/cm	
WNW0601	Cond	10/12/92	92-10883	445.0	umhos/cm	
WNW0601	Cond	10/12/92	92-10883	473.0	umhos/cm	
WNW0601	Cond	11/09/92	92-11723	369.0	umhos/cm	
WNW0601	Cond	11/09/92	92-11723	375.0	umhos/cm	
WNW0601	Cond	12/07/92	92-13442	370.0	umhos/cm	
WNW0601	Cond	12/07/92	92-13442	389.0	umhos/cm	
WNW0601	Cond	01/18/93	93-00381	419.0	umhos/cm	
WNW0601	Cond	01/18/93	93-00381	407.0	umhos/cm	
WNW0601	Cond	02/25/93	93-02098	483.0	umhos/cm	
WNW0601	Cond	02/25/93	93-02098	507.0	umhos/cm	
WNW0601	Cond	04/26/93	93-03898	600.0	umhos/cm	
WNW0601	Cond	04/26/93	93-03898	599.0	umhos/cm	
WNW0601	Cond	06/02/93	93-05849	580.0	umhos/cm	
WNW0601	Cond	06/02/93	93-05849	556.0	umhos/cm	
WNW0601	Cond	07/19/93	93-07215	616.0	umhos/cm	
WNW0601	Cond	07/19/93	93-07215	617.0	umhos/cm	
WNW0601	Cond	11/11/93	93-12046	524.0	umhos/cm	
WNW0601	Cond	11/11/93	93-12046	491.0	umhos/cm	
WNW0601	Cond	10/22/94	94-01224	722.0	umhos/cm	
WNW0601	Cond	10/22/94	94-01224	749.0	umhos/cm	
WNW0601	Cond	05/16/94	94-03905	724.0	umhos/cm	
WNW0601	Cond	05/16/94	94-03905	754.0	umhos/cm	
WNW0601	Cond	07/01/94	94-06686	543.0	umhos/cm	
WNW0601	Cond	07/01/94	94-06686	540.0	umhos/cm	
WNW0601	Cond	10/03/94	94-10961	539	umhos/cm	
WNW0601	Cond	10/03/94	94-10961	535	umhos/cm	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0601	Cond	12/01/94	94-13166	539	umhos/cm	
WNW0601	Cond	12/01/94	94-13166	536	umhos/cm	
WNW0601	NPOC	04/22/91	91-02945	7.4	mg/L	
WNW0601	NPOC	05/22/91	91-04213	4.8	mg/L	
WNW0601	NPOC	07/17/91	91-06227	2.9	mg/L	
WNW0601	NPOC	08/28/91	91-07644	4.1	mg/L	
WNW0601	NPOC	10/30/91	91-09704	11.0	mg/L	
WNW0601	NPOC	11/25/91	91-11386	6.6	mg/L	J
WNW0601	NPOC	01/20/92	92-00128	2.0	mg/L	
WNW0601	NPOC	03/04/92	92-02059	3.4	mg/L	
WNW0601	NPOC	04/13/92	92-04066	2.9	mg/L	
WNW0601	NPOC	04/13/92	92-04066	3.5	mg/L	
WNW0601	NPOC	07/20/92	92-06846	5.5	mg/L	
WNW0601	NPOC	09/02/92	92-09263	4.8	mg/L	
WNW0601	NPOC	10/12/92	92-10884	3.6	mg/L	
WNW0601	NPOC	10/12/92	92-10884	3.7	mg/L	
WNW0601	NPOC	11/09/92	92-11724	4.3	mg/L	
WNW0601	NPOC	12/07/92	92-13443	3.8	mg/L	
WNW0601	NPOC	01/18/93	93-00382	3.8	mg/L	
WNW0601	NPOC	02/25/93	93-02099	3.6	mg/L	
WNW0601	NPOC	04/26/93	93-03899	3.9	mg/L	
WNW0601	NPOC	04/26/93	93-03899	3.7	mg/L	
WNW0601	NPOC	06/02/93	93-05850	3.7	mg/L	
WNW0601	NPOC	07/19/93	93-07216	3.4	mg/L	
WNW0601	NPOC	11/11/93	93-12047	4.50	mg/L	
WNW0601	NPOC	10/22/94	94-01225	11.2	mg/L	
WNW0601	NPOC	05/16/94	94-03906	3.1	mg/L	
WNW0601	NPOC	07/01/94	94-06687	4.7	mg/L	
WNW0601	NPOC	07/01/94	94-06687	4.8	mg/L	
WNW0601	NPOC	10/03/94	94-10970	6.2	mg/L	
WNW0601	NPOC	12/01/94	94-13169	4.2	mg/L	
WNW0601	TOX	04/22/91	91-02945	22.0	ug/L	
WNW0601	TOX	05/22/91	91-04213	32.0	ug/L	J
WNW0601	TOX	07/17/91	91-06227	20.0	ug/L	
WNW0601	TOX	08/28/91	91-07644	ND<5.0	ug/L	
WNW0601	TOX	10/30/91	91-09704	16.0	ug/L	
WNW0601	TOX	11/25/91	91-11386	11.0	ug/L	
WNW0601	TOX	01/20/92	92-00128	19.6	ug/L	
WNW0601	TOX	03/04/92	92-02059	14.4	ug/L	
WNW0601	TOX	04/13/92	92-04066	16.9	ug/L	
WNW0601	TOX	07/20/92	92-07863	25.0	ug/L	
WNW0601	TOX	09/02/92	92-09263	11.9	ug/L	
WNW0601	TOX	10/12/92	92-10884	11.4	ug/L	
WNW0601	TOX	11/09/92	92-11724	10.0	ug/L	
WNW0601	TOX	12/07/92	92-13443	11.7	ug/L	
WNW0601	TOX	01/18/93	93-00382	23.2	ug/L	
WNW0601	TOX	02/25/93	93-02099	10.8	ug/L	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0601	TOX	04/26/93	93-03899	25.0	ug/L	
WNW0601	TOX	06/02/93	93-05850	13.6	ug/L	
WNW0601	TOX	07/19/93	93-07216	12.0	ug/L	
WNW0601	TOX	11/11/93	93-12047	15.0	ug/L	
WNW0601	TOX	10/22/94	94-01225	22.2	ug/L	
WNW0601	TOX	05/16/94	94-03906	13.8	ug/L	
WNW0601	TOX	07/01/94	94-06687	13.6	ug/L	
WNW0601	TOX	10/03/94	94-10962	37.0	ug/L	
WNW0601	TOX	12/01/94	94-13167	37.0	ug/L	
WNW0602	pH	02/06/91	91-01006	6.30	N/A	
WNW0602	pH	05/01/91	91-03318	6.32	N/A	
WNW0602	pH	05/22/91	91-04218	6.39	N/A	
WNW0602	pH	07/15/91	91-06228	6.70	N/A	
WNW0602	pH	08/28/91	91-07645	6.61	N/A	
WNW0602	pH	08/28/91	91-07645	6.61	N/A	
WNW0602	pH	10/29/91	91-09705	6.81	N/A	
WNW0602	pH	10/29/91	91-09705	6.68	N/A	
WNW0602	pH	11/26/91	91-11394	6.47	N/A	
WNW0602	pH	11/26/91	91-11394	6.19	N/A	
WNW0602	pH	01/20/92	92-00131	6.25	N/A	
WNW0602	pH	01/20/92	92-00131	6.06	N/A	
WNW0602	pH	10/02/92	92-02069	6.16	N/A	
WNW0602	pH	10/02/92	92-02069	6.05	N/A	
WNW0602	pH	04/13/92	92-04069	6.65	N/A	
WNW0602	pH	04/13/92	92-04069	6.28	N/A	
WNW0602	pH	07/24/92	92-06858	6.38	N/A	
WNW0602	pH	07/24/92	92-06858	6.42	N/A	
WNW0602	pH	09/02/92	92-09266	6.54	N/A	
WNW0602	pH	09/02/92	92-09266	6.34	N/A	
WNW0602	pH	10/12/92	92-10887	6.59	N/A	
WNW0602	pH	10/12/92	92-10887	6.71	N/A	
WNW0602	pH	11/09/92	92-11727	6.31	N/A	
WNW0602	pH	11/09/92	92-11727	6.40	N/A	
WNW0602	pH	12/07/92	92-13455	6.11	N/A	
WNW0602	pH	12/07/92	92-13455	6.39	N/A	
WNW0602	pH	01/18/93	93-00385	6.59	N/A	
WNW0602	pH	01/18/93	93-00385	6.33	N/A	
WNW0602	pH	02/25/93	93-02108	6.38	N/A	
WNW0602	pH	02/25/93	93-02108	6.86	N/A	
WNW0602	pH	04/26/93	93-03902	6.53	N/A	
WNW0602	pH	04/26/93	93-03902	6.33	N/A	
WNW0602	pH	06/02/93	93-05853	6.62	N/A	
WNW0602	pH	06/02/93	93-05853	6.31	N/A	
WNW0602	pH	07/19/93	93-07219	6.40	N/A	
WNW0602	pH	07/19/93	93-07219	6.67	N/A	
WNW0602	pH	11/11/93	93-12062	6.24	N/A	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0602	pH	11/11/93	93-12062	6.23	N/A	
WNW0602	pH	10/22/94	94-01227	6.61	N/A	
WNW0602	pH	10/22/94	94-01227	6.37	N/A	
WNW0602	pH	05/18/94	94-03921	6.38	N/A	
WNW0602	pH	05/18/94	94-03921	6.41	N/A	
WNW0602	pH	07/01/94	94-06689	6.37	N/A	
WNW0602	pH	07/01/94	94-06689	6.21	N/A	
WNW0602	pH	10/03/94	94-10971	6.38	N/A	
WNW0602	pH	12/01/94	94-13170	6.65	N/A	
WNW0602	pH	12/01/94	94-13170	6.25	N/A	
WNW0602	Cond	02/06/91	91-01006	570.0	umhos/cm	
WNW0602	Cond	05/01/91	91-03318	530.0	umhos/cm	
WNW0602	Cond	05/22/91	91-04218	550.0	umhos/cm	
WNW0602	Cond	07/15/91	91-06228	545.0	umhos/cm	
WNW0602	Cond	08/28/91	91-07645	556.0	umhos/cm	
WNW0602	Cond	08/28/91	91-07645	545.0	umhos/cm	
WNW0602	Cond	10/29/91	91-09705	565.0	umhos/cm	
WNW0602	Cond	10/29/91	91-09705	543.0	umhos/cm	
WNW0602	Cond	11/26/91	91-11394	563.0	umhos/cm	J
WNW0602	Cond	11/26/91	91-11394	569.0	umhos/cm	J
WNW0602	Cond	01/20/92	92-00131	555.0	umhos/cm	
WNW0602	Cond	01/20/92	92-00131	534.0	umhos/cm	
WNW0602	Cond	10/02/92	92-02069	695.0	umhos/cm	
WNW0602	Cond	10/02/92	92-02069	676.0	umhos/cm	
WNW0602	Cond	04/13/92	92-04069	689.0	umhos/cm	
WNW0602	Cond	04/13/92	92-04069	695.0	umhos/cm	
WNW0602	Cond	07/24/92	92-06858	605.0	umhos/cm	
WNW0602	Cond	07/24/92	92-06858	600.0	umhos/cm	
WNW0602	Cond	09/02/92	92-09266	619.0	umhos/cm	
WNW0602	Cond	09/02/92	92-09266	602.0	umhos/cm	
WNW0602	Cond	10/12/92	92-10887	587.0	umhos/cm	
WNW0602	Cond	10/12/92	92-10887	607.0	umhos/cm	
WNW0602	Cond	11/09/92	92-11727	614.0	umhos/cm	
WNW0602	Cond	11/09/92	92-11727	616.0	umhos/cm	
WNW0602	Cond	12/07/92	92-13455	580.0	umhos/cm	
WNW0602	Cond	12/07/92	92-13455	579.0	umhos/cm	
WNW0602	Cond	01/18/93	93-00385	657.0	umhos/cm	
WNW0602	Cond	01/18/93	93-00385	641.0	umhos/cm	
WNW0602	Cond	02/25/93	93-02108	663.0	umhos/cm	
WNW0602	Cond	02/25/93	93-02108	618.0	umhos/cm	
WNW0602	Cond	04/26/93	93-03902	954.0	umhos/cm	
WNW0602	Cond	04/26/93	93-03902	1069	umhos/cm	
WNW0602	Cond	06/02/93	93-05853	726.0	umhos/cm	
WNW0602	Cond	06/02/93	93-05853	798.0	umhos/cm	
WNW0602	Cond	07/19/93	93-07219	787.0	umhos/cm	
WNW0602	Cond	07/19/93	93-07219	880.0	umhos/cm	
WNW0602	Cond	11/11/93	93-12062	888.0	umhos/cm	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0602	Cond	11/11/93	93-12062	926.0	umhos/cm	
WNW0602	Cond	10/22/94	94-01227	962.0	umhos/cm	
WNW0602	Cond	10/22/94	94-01227	820.0	umhos/cm	
WNW0602	Cond	05/18/94	94-03921	1197	umhos/cm	
WNW0602	Cond	05/18/94	94-03921	1181	umhos/cm	
WNW0602	Cond	07/01/94	94-06689	888.0	umhos/cm	
WNW0602	Cond	07/01/94	94-06689	1101	umhos/cm	
WNW0602	Cond	10/03/94	94-10971	912	umhos/cm	
WNW0602	Cond	12/01/94	94-13170	677	umhos/cm	
WNW0602	Cond	12/01/94	94-13170	768	umhos/cm	
WNW0602	NPOC	05/01/91	91-03321	7.4	mg/L	
WNW0602	NPOC	05/22/91	91-04222	7.7	mg/L	
WNW0602	NPOC	07/15/91	91-06233	11.0	mg/L	
WNW0602	NPOC	08/28/91	91-07649	4.7	mg/L	
WNW0602	NPOC	10/29/91	91-09708	2.9	mg/L	
WNW0602	NPOC	11/26/91	91-11398	7.3	mg/L	F
WNW0602	NPOC	01/20/92	92-00132	3.3	mg/L	
WNW0602	NPOC	10/02/92	92-02070	2.8	mg/L	
WNW0602	NPOC	04/13/92	92-04070	2.3	mg/L	
WNW0602	NPOC	07/24/92	92-06859	2.9	mg/L	
WNW0602	NPOC	09/02/92	92-09267	2.8	mg/L	
WNW0602	NPOC	10/12/92	92-10888	3.1	mg/L	
WNW0602	NPOC	11/09/92	92-11728	3.1	mg/L	
WNW0602	NPOC	12/07/92	92-13456	3.3	mg/L	
WNW0602	NPOC	01/18/93	93-00386	3.0	mg/L	
WNW0602	NPOC	01/18/93	93-00386	3.0	mg/L	
WNW0602	NPOC	02/25/93	93-02109	2.9	mg/L	
WNW0602	NPOC	02/25/93	93-02109	2.9	mg/L	
WNW0602	NPOC	04/26/93	93-03903	2.5	mg/L	
WNW0602	NPOC	04/26/93	93-03903	2.5	mg/L	
WNW0602	NPOC	06/02/93	93-05854	2.8	mg/L	
WNW0602	NPOC	06/02/93	93-05854	3.0	mg/L	
WNW0602	NPOC	07/19/93	93-07220	2.7	mg/L	
WNW0602	NPOC	11/11/93	93-12063	3.90	mg/L	
WNW0602	NPOC	10/22/94	94-01228	3.4	mg/L	
WNW0602	NPOC	10/22/94	94-01539	3.3	mg/L	
WNW0602	NPOC	05/18/94	94-03922	2.8	mg/L	
WNW0602	NPOC	07/01/94	94-06690	3.6	mg/L	
WNW0602	NPOC	07/01/94	94-06690	3.6	mg/L	
WNW0602	NPOC	10/03/94	94-10980	2.9	mg/L	
WNW0602	NPOC	12/01/94	94-13173	3.2	mg/L	
WNW0602	TOX	05/01/91	91-03321	11.0	ug/L	
WNW0602	TOX	05/22/91	91-04222	27.0	ug/L	J
WNW0602	TOX	07/15/91	91-06233	40.0	ug/L	
WNW0602	TOX	08/28/91	91-07649	13.0	ug/L	
WNW0602	TOX	10/29/91	91-09708	ND < 5.0	ug/L	
WNW0602	TOX	11/26/91	91-11398	18.0	ug/L	J

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0602	TOX	01/20/92	92-00132	61.5	ug/L	
WNW0602	TOX	10/02/92	92-02070	56.5	ug/L	
WNW0602	TOX	04/13/92	92-04070	13.0	ug/L	
WNW0602	TOX	07/24/92	92-06859	10.0	ug/L	
WNW0602	TOX	09/02/92	92-09267	9.0	ug/L	
WNW0602	TOX	10/12/92	92-10888	11.2	ug/L	
WNW0602	TOX	11/09/92	92-11728	11.4	ug/L	
WNW0602	TOX	12/07/92	92-13456	15.6	ug/L	
WNW0602	TOX	01/18/93	93-00386	27.4	ug/L	
WNW0602	TOX	02/25/93	93-02109	17.6	ug/L	
WNW0602	TOX	04/26/93	93-03903	21.3	ug/L	
WNW0602	TOX	06/02/93	93-05854	22.4	ug/L	
WNW0602	TOX	07/19/93	93-07220	15.7	ug/L	
WNW0602	TOX	11/11/93	93-12063	23.6	ug/L	
WNW0602	TOX	10/22/94	94-01228	16.4	ug/L	
WNW0602	TOX	10/22/94	94-01539	16.7	ug/L	
WNW0602	TOX	05/18/94	94-03922	15.0	ug/L	
WNW0602	TOX	07/01/94	94-06690	15.8	ug/L	
WNW0602	TOX	10/03/94	94-10972	41.0	ug/L	
WNW0602	TOX	12/01/94	94-13171	52.0	ug/L	
WNW0603	pH	02/06/91	91-01008	6.40	N/A	
WNW0603	pH	02/06/91	91-01008	6.29	N/A	
WNW0603	pH	04/22/91	91-02904	6.50	N/A	
WNW0603	pH	04/22/91	91-02904	6.53	N/A	
WNW0603	pH	05/22/91	91-04227	6.48	N/A	
WNW0603	pH	05/22/91	91-04227	6.54	N/A	
WNW0603	pH	07/15/91	91-06232	6.60	N/A	
WNW0603	pH	08/28/91	91-07650	6.64	N/A	
WNW0603	pH	08/28/91	91-07650	6.68	N/A	
WNW0603	pH	10/30/91	91-09709	6.54	N/A	
WNW0603	pH	10/30/91	91-09709	6.47	N/A	
WNW0603	pH	11/25/91	91-11406	6.22	N/A	
WNW0603	pH	11/25/91	91-11406	6.22	N/A	
WNW0603	pH	01/20/92	92-00135	6.01	N/A	
WNW0603	pH	01/20/92	92-00135	6.03	N/A	
WNW0603	pH	10/02/92	92-02080	6.11	N/A	
WNW0603	pH	10/02/92	92-02080	6.08	N/A	
WNW0603	pH	04/13/92	92-04073	6.62	N/A	
WNW0603	pH	04/13/92	92-04073	6.41	N/A	
WNW0603	pH	07/20/92	92-06871	6.09	N/A	
WNW0603	pH	07/20/92	92-06871	6.11	N/A	
WNW0603	pH	09/02/92	92-09270	6.35	N/A	
WNW0603	pH	09/02/92	92-09270	6.14	N/A	
WNW0603	pH	10/12/92	92-10891	6.56	N/A	
WNW0603	pH	10/12/92	92-10891	6.56	N/A	
WNW0603	pH	11/09/92	92-11731	6.11	N/A	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0603	pH	11/09/92	92-11731	6.27	N/A	
WNW0603	pH	12/07/92	92-13468	6.28	N/A	
WNW0603	pH	12/07/92	92-13468	6.36	N/A	
WNW0603	pH	01/18/93	93-00389	6.58	N/A	
WNW0603	pH	01/18/93	93-00389	6.46	N/A	
WNW0603	pH	02/25/93	93-02118	6.57	N/A	
WNW0603	pH	02/25/93	93-02118	6.49	N/A	
WNW0603	pH	04/26/93	93-03906	6.96	N/A	
WNW0603	pH	06/02/93	93-05857	6.56	N/A	
WNW0603	pH	06/02/93	93-05857	6.49	N/A	
WNW0603	pH	07/19/93	93-07223	6.56	N/A	
WNW0603	pH	07/19/93	93-07223	6.57	N/A	
WNW0603	pH	11/11/93	93-12028	6.38	N/A	
WNW0603	pH	11/11/93	93-12028	6.28	N/A	
WNW0603	pH	10/22/94	94-01230	6.35	N/A	
WNW0603	pH	10/22/94	94-01230	6.17	N/A	
WNW0603	pH	05/18/94	94-03938	6.54	N/A	
WNW0603	pH	05/18/94	94-03938	6.57	N/A	
WNW0603	pH	07/01/94	94-06854	6.41	N/A	
WNW0603	pH	07/01/94	94-06854	6.33	N/A	
WNW0603	pH	10/04/94	94-10981	6.12	N/A	
WNW0603	pH	10/04/94	94-10981	6.08	N/A	
WNW0603	pH	12/01/94	94-13174	6.46	N/A	
WNW0603	pH	12/01/94	94-13174	6.43	N/A	
WNW0603	Cond	02/06/91	91-01008	638.0	umhos/cm	
WNW0603	Cond	02/06/91	91-01008	626.0	umhos/cm	
WNW0603	Cond	04/22/91	91-02904	606.0	umhos/cm	
WNW0603	Cond	04/22/91	91-02904	643.0	umhos/cm	
WNW0603	Cond	05/22/91	91-04227	871.0	umhos/cm	
WNW0603	Cond	05/22/91	91-04227	860.0	umhos/cm	
WNW0603	Cond	07/15/91	91-06232	916.0	umhos/cm	
WNW0603	Cond	08/28/91	91-07650	924.0	umhos/cm	
WNW0603	Cond	08/28/91	91-07650	888.0	umhos/cm	
WNW0603	Cond	10/30/91	91-09709	986.0	umhos/cm	
WNW0603	Cond	10/30/91	91-09709	918.0	umhos/cm	
WNW0603	Cond	11/25/91	91-11406	1012	umhos/cm	J
WNW0603	Cond	11/25/91	91-11406	996.0	umhos/cm	J
WNW0603	Cond	01/20/92	92-00135	762.0	umhos/cm	
WNW0603	Cond	01/20/92	92-00135	841.0	umhos/cm	
WNW0603	Cond	10/02/92	92-02080	712.0	umhos/cm	
WNW0603	Cond	10/02/92	92-02080	692.0	umhos/cm	
WNW0603	Cond	04/13/92	92-04073	756.0	umhos/cm	
WNW0603	Cond	04/13/92	92-04073	671.0	umhos/cm	
WNW0603	Cond	07/20/92	92-06871	684.0	umhos/cm	
WNW0603	Cond	07/20/92	92-06871	709.0	umhos/cm	
WNW0603	Cond	09/02/92	92-09270	831.0	umhos/cm	
WNW0603	Cond	09/02/92	92-09270	708.0	umhos/cm	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0603	Cond	10/12/92	92-10891	921.0	umhos/cm	
WNW0603	Cond	10/12/92	92-10891	944.0	umhos/cm	
WNW0603	Cond	11/09/92	92-11731	1014	umhos/cm	
WNW0603	Cond	11/09/92	92-11731	803.0	umhos/cm	
WNW0603	Cond	12/07/92	92-13468	1013	umhos/cm	
WNW0603	Cond	12/07/92	92-13468	808.0	umhos/cm	
WNW0603	Cond	01/18/93	93-00389	898.0	umhos/cm	
WNW0603	Cond	01/18/93	93-00389	737.0	umhos/cm	
WNW0603	Cond	02/25/93	93-02118	887.0	umhos/cm	
WNW0603	Cond	02/25/93	93-02118	872.0	umhos/cm	
WNW0603	Cond	04/26/93	93-03906	816.0	umhos/cm	
WNW0603	Cond	06/02/93	93-05857	866.0	umhos/cm	
WNW0603	Cond	06/02/93	93-05857	900.0	umhos/cm	
WNW0603	Cond	07/19/93	93-07223	211.0	umhos/cm	
WNW0603	Cond	07/19/93	93-07223	198.0	umhos/cm	
WNW0603	Cond	11/11/93	93-12028	972.0	umhos/cm	
WNW0603	Cond	11/11/93	93-12028	871.0	umhos/cm	
WNW0603	Cond	10/22/94	94-01230	763.0	umhos/cm	
WNW0603	Cond	10/22/94	94-01230	803.0	umhos/cm	
WNW0603	Cond	05/18/94	94-03938	872.0	umhos/cm	
WNW0603	Cond	05/18/94	94-03938	815.0	umhos/cm	
WNW0603	Cond	07/01/94	94-06854	814.0	umhos/cm	
WNW0603	Cond	07/01/94	94-06854	901.0	umhos/cm	
WNW0603	Cond	10/04/94	94-10981	625	umhos/cm	
WNW0603	Cond	10/04/94	94-10981	726	umhos/cm	
WNW0603	Cond	12/01/94	94-13174	932	umhos/cm	
WNW0603	Cond	12/01/94	94-13174	854	umhos/cm	
WNW0603	NPOC	04/22/91	91-02907	9.4	mg/L	
WNW0603	NPOC	05/22/91	91-04231	1.7	mg/L	
WNW0603	NPOC	07/15/91	91-06236	40.0	mg/L	R
WNW0603	NPOC	08/28/91	91-07654	3.6	mg/L	
WNW0603	NPOC	10/30/91	91-09712	4.0	mg/L	
WNW0603	NPOC	11/25/91	91-11410	2.8	mg/L	F
WNW0603	NPOC	01/20/92	92-00136	2.3	mg/L	
WNW0603	NPOC	10/02/92	92-02081	1.5	mg/L	
WNW0603	NPOC	04/13/92	92-04074	1.6	mg/L	
WNW0603	NPOC	07/20/92	92-06872	1.5	mg/L	
WNW0603	NPOC	09/02/92	92-09271	1.5	mg/L	
WNW0603	NPOC	09/02/92	92-09271	1.5	mg/L	
WNW0603	NPOC	10/12/92	92-10892	1.1	mg/L	
WNW0603	NPOC	11/09/92	92-11732	1.4	mg/L	
WNW0603	NPOC	12/07/92	92-13469	1.3	mg/L	
WNW0603	NPOC	12/07/92	92-13469	1.4	mg/L	
WNW0603	NPOC	01/18/93	93-00390	1.3	mg/L	
WNW0603	NPOC	02/25/93	93-02119	1.0	mg/L	
WNW0603	NPOC	04/26/93	93-03907	1.3	mg/L	
WNW0603	NPOC	06/02/93	93-05858	0.9	mg/L	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0603	NPOC	07/19/93	93-07224	1.1	mg/L	
WNW0603	NPOC	11/11/93	93-12029	1.30	mg/L	
WNW0603	NPOC	10/22/94	94-01231	1.2	mg/L	
WNW0603	NPOC	05/18/94	94-03939	1.6	mg/L	
WNW0603	NPOC	07/01/94	94-06855	1.2	mg/L	
WNW0603	NPOC	10/04/94	94-10990	ND < 1.0	mg/L	
WNW0603	NPOC	12/01/94	94-13188	ND < 1.0	mg/L	
WNW0603	TOX	04/22/91	91-02907	13.0	ug/L	
WNW0603	TOX	05/22/91	91-04231	5.0	ug/L	J
WNW0603	TOX	07/15/91	91-06236	ND < 5.0	ug/L	
WNW0603	TOX	08/28/91	91-07654	ND < 5.0	ug/L	
WNW0603	TOX	10/30/91	91-09712	ND < 5.0	ug/L	
WNW0603	TOX	11/25/91	91-11410	ND < 5.0	ug/L	
WNW0603	TOX	01/20/92	92-00136	ND < 4.0	ug/L	
WNW0603	TOX	10/02/92	92-02081	ND < 4.0	ug/L	
WNW0603	TOX	04/13/92	92-04074	ND < 4.0	ug/L	
WNW0603	TOX	07/20/92	92-07862	ND < 5.0	ug/L	
WNW0603	TOX	09/02/92	92-09271	ND < 4.0	ug/L	
WNW0603	TOX	10/12/92	92-10892	ND < 4.0	ug/L	
WNW0603	TOX	11/09/92	92-11732	ND < 4.0	ug/L	
WNW0603	TOX	12/07/92	92-13469	ND < 4.0	ug/L	
WNW0603	TOX	01/18/93	93-00390	2.3	ug/L	
WNW0603	TOX	02/25/93	93-02119	ND < 2.0	ug/L	
WNW0603	TOX	04/26/93	93-03907	2.6	ug/L	
WNW0603	TOX	06/02/93	93-05858	2.0	ug/L	
WNW0603	TOX	07/19/93	93-07224	ND < 2.0	ug/L	
WNW0603	TOX	11/11/93	93-12029	3.20	ug/L	
WNW0603	TOX	10/22/94	94-01231	5.6	ug/L	
WNW0603	TOX	05/18/94	94-03939	3.4	ug/L	
WNW0603	TOX	07/01/94	94-06855	ND < 2.0	ug/L	
WNW0603	TOX	10/04/94	94-10982	ND < 5.0	ug/L	UJ
WNW0603	TOX	12/01/94	94-13175	12.0	ug/L	
WNW0604	pH	04/05/91	91-02416	6.47	N/A	
WNW0604	pH	04/05/91	91-02416	6.41	N/A	
WNW0604	pH	04/25/91	91-03036	6.40	N/A	
WNW0604	pH	05/22/91	91-04236	6.34	N/A	
WNW0604	pH	07/17/91	91-06285	6.17	N/A	
WNW0604	pH	07/17/91	91-06285	6.22	N/A	
WNW0604	pH	08/28/91	91-07655	6.24	N/A	
WNW0604	pH	08/28/91	91-07655	6.25	N/A	
WNW0604	pH	10/31/91	91-09713	6.04	N/A	
WNW0604	pH	10/31/91	91-09713	6.04	N/A	
WNW0604	pH	11/26/91	91-11418	5.96	N/A	
WNW0604	pH	11/26/91	91-11418	5.93	N/A	
WNW0604	pH	01/22/92	92-00139	6.05	N/A	
WNW0604	pH	01/22/92	92-00139	5.99	N/A	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0604	pH	03/04/92	92-02091	5.99	N/A	
WNW0604	pH	03/04/92	92-02091	6.03	N/A	
WNW0604	pH	04/15/92	92-04077	6.41	N/A	
WNW0604	pH	04/15/92	92-04077	6.36	N/A	
WNW0604	pH	07/20/92	92-06884	6.08	N/A	
WNW0604	pH	07/20/92	92-06884	6.10	N/A	
WNW0604	pH	09/02/92	92-09274	6.19	N/A	
WNW0604	pH	09/02/92	92-09274	6.19	N/A	
WNW0604	pH	10/12/92	92-10895	6.29	N/A	
WNW0604	pH	10/12/92	92-10895	6.30	N/A	
WNW0604	pH	11/09/92	92-11735	6.06	N/A	
WNW0604	pH	11/09/92	92-11735	6.05	N/A	
WNW0604	pH	12/07/92	92-13480	6.09	N/A	
WNW0604	pH	12/07/92	92-13480	6.05	N/A	
WNW0604	pH	01/18/93	93-00393	6.11	N/A	
WNW0604	pH	01/18/93	93-00393	6.09	N/A	
WNW0604	pH	02/25/93	93-02128	6.29	N/A	
WNW0604	pH	02/25/93	93-02128	6.22	N/A	
WNW0604	pH	04/26/93	93-03910	6.28	N/A	
WNW0604	pH	04/26/93	93-03910	6.28	N/A	
WNW0604	pH	06/02/93	93-05861	6.37	N/A	
WNW0604	pH	06/02/93	93-05861	6.40	N/A	
WNW0604	pH	07/20/93	93-07227	6.20	N/A	
WNW0604	pH	07/20/93	93-07227	6.26	N/A	
WNW0604	pH	11/11/93	93-12078	6.27	N/A	
WNW0604	pH	11/11/93	93-12078	6.34	N/A	
WNW0604	pH	10/22/94	94-01233	6.29	N/A	
WNW0604	pH	10/22/94	94-01233	6.29	N/A	
WNW0604	pH	05/16/94	94-03947	6.40	N/A	
WNW0604	pH	05/16/94	94-03947	6.51	N/A	
WNW0604	pH	07/01/94	94-06857	6.33	N/A	
WNW0604	pH	07/01/94	94-06857	6.33	N/A	
WNW0604	pH	10/06/94	94-10991	6.10	N/A	
WNW0604	pH	10/06/94	94-10991	6.09	N/A	
WNW0604	pH	12/02/94	94-13176	6.20	N/A	
WNW0604	pH	12/02/94	94-13176	6.19	N/A	
WNW0604	Cond	04/05/91	91-02416	533.0	umhos/cm	
WNW0604	Cond	04/05/91	91-02416	531.0	umhos/cm	
WNW0604	Cond	04/25/91	91-03036	476.0	umhos/cm	
WNW0604	Cond	05/22/91	91-04236	570.0	umhos/cm	
WNW0604	Cond	07/17/91	91-06285	536.0	umhos/cm	
WNW0604	Cond	07/17/91	91-06285	511.0	umhos/cm	
WNW0604	Cond	08/28/91	91-07655	522.0	umhos/cm	
WNW0604	Cond	08/28/91	91-07655	534.0	umhos/cm	
WNW0604	Cond	10/31/91	91-09713	568.0	umhos/cm	
WNW0604	Cond	10/31/91	91-09713	586.0	umhos/cm	
WNW0604	Cond	11/26/91	91-11418	599.0	umhos/cm	J

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0604	Cond	11/26/91	91-11418	585.0	umhos/cm	J
WNW0604	Cond	01/22/92	92-00139	543.0	umhos/cm	
WNW0604	Cond	01/22/92	92-00139	538.0	umhos/cm	
WNW0604	Cond	03/04/92	92-02091	531.0	umhos/cm	
WNW0604	Cond	03/04/92	92-02091	525.0	umhos/cm	
WNW0604	Cond	04/15/92	92-04077	504.0	umhos/cm	
WNW0604	Cond	04/15/92	92-04077	502.0	umhos/cm	
WNW0604	Cond	07/20/92	92-06884	494.0	umhos/cm	
WNW0604	Cond	07/20/92	92-06884	497.0	umhos/cm	
WNW0604	Cond	09/02/92	92-09274	496.0	umhos/cm	
WNW0604	Cond	09/02/92	92-09274	494.0	umhos/cm	
WNW0604	Cond	10/12/92	92-10895	494.0	umhos/cm	
WNW0604	Cond	10/12/92	92-10895	522.0	umhos/cm	
WNW0604	Cond	11/09/92	92-11735	499.0	umhos/cm	
WNW0604	Cond	11/09/92	92-11735	503.0	umhos/cm	
WNW0604	Cond	12/07/92	92-13480	502.0	umhos/cm	
WNW0604	Cond	12/07/92	92-13480	501.0	umhos/cm	
WNW0604	Cond	01/18/93	93-00393	490.0	umhos/cm	
WNW0604	Cond	01/18/93	93-00393	496.0	umhos/cm	
WNW0604	Cond	02/25/93	93-02128	529.0	umhos/cm	
WNW0604	Cond	02/25/93	93-02128	505.0	umhos/cm	
WNW0604	Cond	04/26/93	93-03910	474.0	umhos/cm	
WNW0604	Cond	04/26/93	93-03910	471.0	umhos/cm	
WNW0604	Cond	06/02/93	93-05861	507.0	umhos/cm	
WNW0604	Cond	06/02/93	93-05861	544.0	umhos/cm	
WNW0604	Cond	07/20/93	93-07227	512.0	umhos/cm	
WNW0604	Cond	07/20/93	93-07227	539.0	umhos/cm	
WNW0604	Cond	11/11/93	93-12078	529.0	umhos/cm	
WNW0604	Cond	11/11/93	93-12078	533.0	umhos/cm	
WNW0604	Cond	10/22/94	94-01233	510.0	umhos/cm	
WNW0604	Cond	10/22/94	94-01233	515.0	umhos/cm	
WNW0604	Cond	05/16/94	94-03947	721.0	umhos/cm	
WNW0604	Cond	05/16/94	94-03947	682.0	umhos/cm	
WNW0604	Cond	07/01/94	94-06857	659.0	umhos/cm	
WNW0604	Cond	07/01/94	94-06857	659.0	umhos/cm	
WNW0604	Cond	10/06/94	94-10991	692	umhos/cm	
WNW0604	Cond	10/06/94	94-10991	684	umhos/cm	
WNW0604	Cond	12/02/94	94-13176	742	umhos/cm	
WNW0604	Cond	12/02/94	94-13176	737	umhos/cm	
WNW0604	NPOC	04/25/91	91-03039	45.0	mg/L	
WNW0604	NPOC	05/22/91	91-04240	4.4	mg/L	
WNW0604	NPOC	07/17/91	91-06288	4.3	mg/L	
WNW0604	NPOC	07/17/91	91-06297	4.5	mg/L	
WNW0604	NPOC	08/28/91	91-07659	4.2	mg/L	
WNW0604	NPOC	10/31/91	91-09716	11.0	mg/L	
WNW0604	NPOC	11/26/91	91-11422	5.4	mg/L	F
WNW0604	NPOC	01/22/92	92-00140	3.9	mg/L	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0604	NPOC	03/04/92	92-02092	3.4	mg/L	
WNW0604	NPOC	03/04/92	92-02898	3.2	mg/L	
WNW0604	NPOC	03/04/92	92-02898	3.4	mg/L	
WNW0604	NPOC	04/15/92	92-04078	3.5	mg/L	
WNW0604	NPOC	04/15/92	92-04078	3.5	mg/L	
WNW0604	NPOC	07/20/92	92-06885	3.3	mg/L	
WNW0604	NPOC	07/20/92	92-07748	3.5	mg/L	
WNW0604	NPOC	09/02/92	92-09275	3.3	mg/L	
WNW0604	NPOC	10/12/92	92-10896	3.5	mg/L	
WNW0604	NPOC	11/09/92	92-11736	3.3	mg/L	
WNW0604	NPOC	12/07/92	92-13481	3.6	mg/L	
WNW0604	NPOC	01/18/93	93-00394	3.2	mg/L	
WNW0604	NPOC	02/25/93	93-02129	3.5	mg/L	
WNW0604	NPOC	02/25/93	93-02148	3.6	mg/L	
WNW0604	NPOC	04/26/93	93-03911	3.3	mg/L	
WNW0604	NPOC	04/26/93	93-03911	3.3	mg/L	
WNW0604	NPOC	04/26/93	93-04595	3.5	mg/L	
WNW0604	NPOC	06/02/93	93-05862	3.3	mg/L	
WNW0604	NPOC	06/02/93	93-05862	3.3	mg/L	
WNW0604	NPOC	07/20/93	93-07228	3.7	mg/L	
WNW0604	NPOC	11/11/93	93-12079	3.80	mg/L	
WNW0604	NPOC	10/22/94	94-01234	3.5	mg/L	
WNW0604	NPOC	05/16/94	94-03948	2.8	mg/L	
WNW0604	NPOC	07/01/94	94-06858	3.4	mg/L	
WNW0604	NPOC	07/01/94	94-06858	3.4	mg/L	
WNW0604	NPOC	10/06/94	94-11000	3.2	mg/L	
WNW0604	NPOC	12/02/94	94-13179	4.8	mg/L	
WNW0604	TOX	04/25/91	91-03039	12.0	ug/L	
WNW0604	TOX	05/22/91	91-04240	13.0	ug/L	J
WNW0604	TOX	07/17/91	91-06288	13.0	ug/L	
WNW0604	TOX	07/17/91	91-06297	14.0	ug/L	
WNW0604	TOX	08/28/91	91-07659	ND < 5.0	ug/L	
WNW0604	TOX	10/31/91	91-09716	8.0	ug/L	
WNW0604	TOX	11/26/91	91-11422	ND < 5.0	ug/L	
WNW0604	TOX	01/22/92	92-00140	15.6	ug/L	
WNW0604	TOX	03/04/92	92-02092	6.9	ug/L	
WNW0604	TOX	03/04/92	92-02898	6.8	ug/L	
WNW0604	TOX	04/15/92	92-04078	5.6	ug/L	
WNW0604	TOX	07/20/92	92-07872	10.0	ug/L	
WNW0604	TOX	07/20/92	92-07931	ND < 5.0	ug/L	
WNW0604	TOX	09/02/92	92-09275	ND < 4.0	ug/L	
WNW0604	TOX	10/12/92	92-10896	6.6	ug/L	
WNW0604	TOX	11/09/92	92-11736	ND < 4.0	ug/L	
WNW0604	TOX	12/07/92	92-13481	ND < 4.0	ug/L	
WNW0604	TOX	01/18/93	93-00394	7.6	ug/L	
WNW0604	TOX	02/25/93	93-02129	4.4	ug/L	
WNW0604	TOX	02/25/93	93-02148	2.4	ug/L	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0604	TOX	04/26/93	93-03911	6.6	ug/L	
WNW0604	TOX	04/26/93	93-04595	8.0	ug/L	
WNW0604	TOX	06/02/93	93-05862	3.5	ug/L	
WNW0604	TOX	07/20/93	93-07228	2.8	ug/L	
WNW0604	TOX	11/11/93	93-12079	2.40	ug/L	
WNW0604	TOX	10/22/94	94-01234	ND < 2.0	ug/L	
WNW0604	TOX	05/16/94	94-03948	ND < 2.0	ug/L	
WNW0604	TOX	07/01/94	94-06858	ND < 2.0	ug/L	
WNW0604	TOX	10/06/94	94-10992	11.0	ug/L	
WNW0604	TOX	12/02/94	94-13177	49.0	ug/L	
WNW0605	pH	02/06/91	91-01010	6.67	N/A	
WNW0605	pH	02/06/91	91-01010	6.61	N/A	
WNW0605	pH	04/22/91	91-02908	6.89	N/A	
WNW0605	pH	04/22/91	91-02908	7.01	N/A	
WNW0605	pH	05/22/91	91-04245	7.42	N/A	
WNW0605	pH	07/17/91	91-06289	7.38	N/A	
WNW0605	pH	08/28/91	91-07660	7.24	N/A	
WNW0605	pH	08/28/91	91-07660	7.29	N/A	
WNW0605	pH	10/30/91	91-09717	7.01	N/A	
WNW0605	pH	10/30/91	91-09717	7.03	N/A	
WNW0605	pH	11/25/91	91-11430	6.64	N/A	
WNW0605	pH	11/25/91	91-11430	6.51	N/A	
WNW0605	pH	01/20/92	92-00143	6.38	N/A	
WNW0605	pH	01/20/92	92-00143	6.41	N/A	
WNW0605	pH	03/04/92	92-02102	6.48	N/A	
WNW0605	pH	03/04/92	92-02102	6.69	N/A	
WNW0605	pH	04/13/92	92-04081	6.89	N/A	
WNW0605	pH	04/13/92	92-04081	7.00	N/A	
WNW0605	pH	07/20/92	92-06897	6.43	N/A	
WNW0605	pH	07/20/92	92-06897	6.47	N/A	
WNW0605	pH	09/02/92	92-09278	6.49	N/A	
WNW0605	pH	09/02/92	92-09278	6.63	N/A	
WNW0605	pH	10/12/92	92-10899	7.19	N/A	
WNW0605	pH	10/12/92	92-10899	7.10	N/A	
WNW0605	pH	11/09/92	92-11739	6.36	N/A	
WNW0605	pH	11/09/92	92-11739	6.36	N/A	
WNW0605	pH	12/07/92	92-13494	6.28	N/A	
WNW0605	pH	12/07/92	92-13494	6.25	N/A	
WNW0605	pH	01/18/93	93-00397	6.66	N/A	
WNW0605	pH	01/18/93	93-00397	6.61	N/A	
WNW0605	pH	02/25/93	93-02138	6.59	N/A	
WNW0605	pH	02/25/93	93-02138	6.77	N/A	
WNW0605	pH	04/26/93	93-03914	6.81	N/A	
WNW0605	pH	04/26/93	93-03914	6.70	N/A	
WNW0605	pH	06/02/93	93-05865	7.33	N/A	
WNW0605	pH	06/02/93	93-05865	7.29	N/A	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0605	pH	07/19/93	93-07231	7.29	N/A	
WNW0605	pH	07/19/93	93-07231	7.39	N/A	
WNW0605	pH	11/11/93	93-12037	6.45	N/A	
WNW0605	pH	11/11/93	93-12037	6.47	N/A	
WNW0605	pH	10/22/94	94-01236	6.52	N/A	
WNW0605	pH	10/22/94	94-01236	6.42	N/A	
WNW0605	pH	05/16/94	94-03963	6.79	N/A	
WNW0605	pH	05/16/94	94-03963	6.91	N/A	
WNW0605	pH	07/01/94	94-06860	6.38	N/A	
WNW0605	pH	07/01/94	94-06860	6.41	N/A	
WNW0605	pH	10/03/94	94-11001	6.60	N/A	
WNW0605	pH	10/03/94	94-11001	6.52	N/A	
WNW0605	pH	12/01/94	94-13180	6.66	N/A	
WNW0605	pH	12/01/94	94-13180	6.65	N/A	
WNW0605	Cond	02/06/91	91-01010	532.0	umhos/cm	
WNW0605	Cond	02/06/91	91-01010	530.0	umhos/cm	
WNW0605	Cond	04/22/91	91-02908	406.0	umhos/cm	
WNW0605	Cond	04/22/91	91-02908	391.0	umhos/cm	
WNW0605	Cond	05/22/91	91-04245	492.0	umhos/cm	
WNW0605	Cond	07/17/91	91-06289	600.0	umhos/cm	
WNW0605	Cond	08/28/91	91-07660	724.0	umhos/cm	
WNW0605	Cond	08/28/91	91-07660	710.0	umhos/cm	
WNW0605	Cond	10/30/91	91-09717	565.0	umhos/cm	
WNW0605	Cond	10/30/91	91-09717	620.0	umhos/cm	
WNW0605	Cond	11/25/91	91-11430	513.0	umhos/cm	J
WNW0605	Cond	11/25/91	91-11430	506.0	umhos/cm	J
WNW0605	Cond	01/20/92	92-00143	507.0	umhos/cm	
WNW0605	Cond	01/20/92	92-00143	489.0	umhos/cm	
WNW0605	Cond	03/04/92	92-02102	599.0	umhos/cm	
WNW0605	Cond	03/04/92	92-02102	588.0	umhos/cm	
WNW0605	Cond	04/13/92	92-04081	525.0	umhos/cm	
WNW0605	Cond	04/13/92	92-04081	495.0	umhos/cm	
WNW0605	Cond	07/20/92	92-06897	453.0	umhos/cm	
WNW0605	Cond	07/20/92	92-06897	432.0	umhos/cm	
WNW0605	Cond	09/02/92	92-09278	471.0	umhos/cm	
WNW0605	Cond	09/02/92	92-09278	498.0	umhos/cm	
WNW0605	Cond	10/12/92	92-10899	575.0	umhos/cm	
WNW0605	Cond	10/12/92	92-10899	558.0	umhos/cm	
WNW0605	Cond	11/09/92	92-11739	409.0	umhos/cm	
WNW0605	Cond	11/09/92	92-11739	394.0	umhos/cm	
WNW0605	Cond	12/07/92	92-13494	389.0	umhos/cm	
WNW0605	Cond	12/07/92	92-13494	389.0	umhos/cm	
WNW0605	Cond	01/18/93	93-00397	435.0	umhos/cm	
WNW0605	Cond	01/18/93	93-00397	441.0	umhos/cm	
WNW0605	Cond	02/25/93	93-02138	560.0	umhos/cm	
WNW0605	Cond	02/25/93	93-02138	554.0	umhos/cm	
WNW0605	Cond	04/26/93	93-03914	619.0	umhos/cm	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0605	Cond	04/26/93	93-03914	602.0	umhos/cm	
WNW0605	Cond	06/02/93	93-05865	588.0	umhos/cm	
WNW0605	Cond	06/02/93	93-05865	618.0	umhos/cm	
WNW0605	Cond	07/19/93	93-07231	675.0	umhos/cm	
WNW0605	Cond	07/19/93	93-07231	677.0	umhos/cm	
WNW0605	Cond	11/11/93	93-12037	507.0	umhos/cm	
WNW0605	Cond	11/11/93	93-12037	499.0	umhos/cm	
WNW0605	Cond	10/22/94	94-01236	703.0	umhos/cm	
WNW0605	Cond	10/22/94	94-01236	741.0	umhos/cm	
WNW0605	Cond	05/16/94	94-03963	669.0	umhos/cm	
WNW0605	Cond	05/16/94	94-03963	635.0	umhos/cm	
WNW0605	Cond	07/01/94	94-06860	500.0	umhos/cm	
WNW0605	Cond	07/01/94	94-06860	520.0	umhos/cm	
WNW0605	Cond	10/03/94	94-11001	511	umhos/cm	
WNW0605	Cond	10/03/94	94-11001	540	umhos/cm	
WNW0605	Cond	12/01/94	94-13180	549	umhos/cm	
WNW0605	Cond	12/01/94	94-13180	545	umhos/cm	
WNW0605	NPOC	04/22/91	91-02911	6.1	mg/L	
WNW0605	NPOC	05/22/91	91-04249	2.2	mg/L	
WNW0605	NPOC	07/17/91	91-06293	1.9	mg/L	
WNW0605	NPOC	08/28/91	91-07664	2.4	mg/L	
WNW0605	NPOC	10/30/91	91-09720	3.8	mg/L	
WNW0605	NPOC	11/25/91	91-11435	5.4	mg/L	F
WNW0605	NPOC	12/12/91	91-12641	4.9	mg/L	J
WNW0605	NPOC	01/20/92	92-00144	3.4	mg/L	
WNW0605	NPOC	03/04/92	92-02103	2.7	mg/L	
WNW0605	NPOC	04/13/92	92-04082	3.1	mg/L	
WNW0605	NPOC	04/13/92	92-04082	3.1	mg/L	
WNW0605	NPOC	04/13/92	92-04082	3.0	mg/L	
WNW0605	NPOC	07/20/92	92-06898	3.8	mg/L	
WNW0605	NPOC	09/02/92	92-09279	3.1	mg/L	
WNW0605	NPOC	10/12/92	92-10900	2.2	mg/L	
WNW0605	NPOC	11/09/92	92-11740	2.7	mg/L	
WNW0605	NPOC	12/07/92	92-13495	3.0	mg/L	
WNW0605	NPOC	01/18/93	93-00398	2.5	mg/L	
WNW0605	NPOC	02/25/93	93-02139	2.4	mg/L	
WNW0605	NPOC	04/26/93	93-03915	2.8	mg/L	
WNW0605	NPOC	06/02/93	93-05866	1.6	mg/L	
WNW0605	NPOC	07/19/93	93-07232	1.9	mg/L	
WNW0605	NPOC	11/11/93	93-12038	2.90	mg/L	
WNW0605	NPOC	10/22/94	94-01237	2.4	mg/L	
WNW0605	NPOC	05/16/94	94-03964	1.9	mg/L	
WNW0605	NPOC	05/16/94	94-03964	2.0	mg/L	
WNW0605	NPOC	07/01/94	94-06861	3.1	mg/L	
WNW0605	NPOC	07/01/94	94-06861	3.1	mg/L	
WNW0605	NPOC	10/03/94	94-11010	2.5	mg/L	
WNW0605	NPOC	12/01/94	94-13183	3.4	mg/L	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0605	TOX	04/22/91	91-02911	9.4	ug/L	
WNW0605	TOX	05/22/91	91-04249	12.0	ug/L	J
WNW0605	TOX	07/17/91	91-06293	29.0	ug/L	
WNW0605	TOX	08/28/91	91-07664	ND < 5.0	ug/L	
WNW0605	TOX	10/30/91	91-09720	12.0	ug/L	
WNW0605	TOX	12/12/91	91-12641	19.0	ug/L	J
WNW0605	TOX	01/20/92	92-00144	28.1	ug/L	
WNW0605	TOX	03/04/92	92-02103	8.8	ug/L	
WNW0605	TOX	04/13/92	92-04082	11.3	ug/L	
WNW0605	TOX	07/20/92	92-07861	21.0	ug/L	
WNW0605	TOX	09/02/92	92-09279	7.2	ug/L	
WNW0605	TOX	10/12/92	92-10900	4.6	ug/L	
WNW0605	TOX	11/09/92	92-11740	8.0	ug/L	
WNW0605	TOX	12/07/92	92-13495	9.0	ug/L	
WNW0605	TOX	01/18/93	93-00398	12.6	ug/L	
WNW0605	TOX	02/25/93	93-02139	9.6	ug/L	
WNW0605	TOX	04/26/93	93-03915	15.7	ug/L	
WNW0605	TOX	06/02/93	93-05866	3.8	ug/L	
WNW0605	TOX	07/19/93	93-07232	9.4	ug/L	
WNW0605	TOX	11/11/93	93-12038	15.5	ug/L	
WNW0605	TOX	10/22/94	94-01237	24.0	ug/L	
WNW0605	TOX	05/16/94	94-03964	18.7	ug/L	
WNW0605	TOX	07/01/94	94-06861	14.2	ug/L	
WNW0605	TOX	10/03/94	94-11002	39.0	ug/L	
WNW0605	TOX	12/01/94	94-13181	40.0	ug/L	
WNW0706	pH	02/19/91	91-01250	6.61	N/A	
WNW0706	pH	02/19/91	91-01250	6.66	N/A	
WNW0706	pH	05/06/91	91-03397	6.67	N/A	
WNW0706	pH	06/10/91	91-04959	6.56	N/A	
WNW0706	pH	07/22/91	91-06416	6.66	N/A	
WNW0706	pH	09/09/91	91-07972	6.84	N/A	
WNW0706	pH	09/09/91	91-07972	6.83	N/A	
WNW0706	pH	10/14/91	91-09314	6.52	N/A	
WNW0706	pH	10/14/91	91-09314	6.47	N/A	
WNW0706	pH	12/02/91	91-11687	6.83	N/A	
WNW0706	pH	12/02/91	91-11687	6.78	N/A	
WNW0706	pH	02/05/92	92-00167	6.91	N/A	
WNW0706	pH	02/05/92	92-00167	6.68	N/A	
WNW0706	pH	03/16/92	92-02204	6.44	N/A	
WNW0706	pH	03/16/92	92-02204	6.35	N/A	
WNW0706	pH	04/27/92	92-04284	6.36	N/A	
WNW0706	pH	04/27/92	92-04284	6.32	N/A	
WNW0706	pH	08/10/92	92-07525	6.43	N/A	
WNW0706	pH	08/10/92	92-07525	6.53	N/A	
WNW0706	pH	08/24/92	92-09056	6.59	N/A	
WNW0706	pH	08/24/92	92-09056	6.55	N/A	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0706	pH	10/05/92	92-10636	6.33	N/A	
WNW0706	pH	10/05/92	92-10636	6.36	N/A	
WNW0706	pH	11/04/92	92-11659	6.28	N/A	
WNW0706	pH	11/04/92	92-11659	6.25	N/A	
WNW0706	pH	12/03/92	92-13005	6.23	N/A	
WNW0706	pH	01/11/93	93-00209	6.31	N/A	
WNW0706	pH	01/11/93	93-00209	6.27	N/A	
WNW0706	pH	02/16/93	93-01892	6.87	N/A	
WNW0706	pH	04/19/93	93-03822	6.32	N/A	
WNW0706	pH	04/19/93	93-03822	6.32	N/A	
WNW0706	pH	05/24/93	93-05656	6.51	N/A	
WNW0706	pH	05/24/93	93-05656	6.48	N/A	
WNW0706	pH	07/13/93	93-07043	6.47	N/A	
WNW0706	pH	07/13/93	93-07043	6.41	N/A	
WNW0706	pH	11/05/93	93-11597	6.41	N/A	
WNW0706	pH	02/14/94	94-00309	6.37	N/A	
WNW0706	pH	02/14/94	94-00309	6.34	N/A	
WNW0706	pH	05/05/94	94-03473	6.53	N/A	
WNW0706	pH	05/05/94	94-03473	6.54	N/A	
WNW0706	pH	07/01/94	94-06638	6.23	N/A	
WNW0706	pH	07/01/94	94-06638	6.30	N/A	
WNW0706	pH	10/05/94	94-11061	5.84	N/A	
WNW0706	pH	10/05/94	94-11061	6.15	N/A	
WNW0706	pH	12/02/94	94-13299	6.63	N/A	
WNW0706	Cond	02/19/91	91-01250	612.0	umhos/cm	
WNW0706	Cond	02/19/91	91-01250	594.0	umhos/cm	
WNW0706	Cond	05/06/91	91-03397	977.0	umhos/cm	
WNW0706	Cond	06/10/91	91-04959	754.0	umhos/cm	
WNW0706	Cond	07/22/91	91-06416	590.0	umhos/cm	
WNW0706	Cond	09/09/91	91-07972	771.0	umhos/cm	
WNW0706	Cond	09/09/91	91-07972	1318	umhos/cm	
WNW0706	Cond	10/14/91	91-09314	482.0	umhos/cm	
WNW0706	Cond	10/14/91	91-09314	510.0	umhos/cm	
WNW0706	Cond	12/02/91	91-11687	487.0	umhos/cm	
WNW0706	Cond	12/02/91	91-11687	499.0	umhos/cm	
WNW0706	Cond	02/05/92	92-00167	532.0	umhos/cm	
WNW0706	Cond	02/05/92	92-00167	474.0	umhos/cm	
WNW0706	Cond	03/16/92	92-02204	573.0	umhos/cm	
WNW0706	Cond	03/16/92	92-02204	619.0	umhos/cm	
WNW0706	Cond	04/27/92	92-04284	531.0	umhos/cm	
WNW0706	Cond	04/27/92	92-04284	549.0	umhos/cm	
WNW0706	Cond	08/10/92	92-07525	579.0	umhos/cm	
WNW0706	Cond	08/10/92	92-07525	600.0	umhos/cm	
WNW0706	Cond	08/24/92	92-09056	548.0	umhos/cm	
WNW0706	Cond	08/24/92	92-09056	570.0	umhos/cm	
WNW0706	Cond	10/05/92	92-10636	510.0	umhos/cm	
WNW0706	Cond	10/05/92	92-10636	541.0	umhos/cm	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0706	Cond	11/04/92	92-11659	426.0	umhos/cm	
WNW0706	Cond	11/04/92	92-11659	444.0	umhos/cm	
WNW0706	Cond	12/03/92	92-13005	700.0	umhos/cm	
WNW0706	Cond	01/11/93	93-00209	638.0	umhos/cm	
WNW0706	Cond	01/11/93	93-00209	610.0	umhos/cm	
WNW0706	Cond	02/16/93	93-01892	603.0	umhos/cm	
WNW0706	Cond	04/19/93	93-03822	557.0	umhos/cm	
WNW0706	Cond	04/19/93	93-03822	537.0	umhos/cm	
WNW0706	Cond	05/24/93	93-05656	521.0	umhos/cm	
WNW0706	Cond	05/24/93	93-05656	530.0	umhos/cm	
WNW0706	Cond	07/13/93	93-07043	460.0	umhos/cm	
WNW0706	Cond	07/13/93	93-07043	477.0	umhos/cm	
WNW0706	Cond	11/05/93	93-11597	457.0	umhos/cm	
WNW0706	Cond	02/14/94	94-00309	633.0	umhos/cm	
WNW0706	Cond	02/14/94	94-00309	459.0	umhos/cm	
WNW0706	Cond	05/05/94	94-03473	577.0	umhos/cm	
WNW0706	Cond	05/05/94	94-03473	624.0	umhos/cm	
WNW0706	Cond	07/01/94	94-06638	482.0	umhos/cm	
WNW0706	Cond	07/01/94	94-06638	494.0	umhos/cm	
WNW0706	Cond	10/05/94	94-11061	513	umhos/cm	
WNW0706	Cond	10/05/94	94-11061	577	umhos/cm	
WNW0706	Cond	12/02/94	94-13299	492	umhos/cm	
WNW0706	NPOC	02/19/91	91-01254	6.6	mg/L	
WNW0706	NPOC	05/06/91	91-03400	48.0	mg/L	
WNW0706	NPOC	06/10/91	91-04962	6.4	mg/L	U
WNW0706	NPOC	07/22/91	91-06420	3.6	mg/L	
WNW0706	NPOC	09/09/91	91-07976	5.6	mg/L	
WNW0706	NPOC	10/14/91	91-09317	14.0	mg/L	
WNW0706	NPOC	12/02/91	91-11691	5.1	mg/L	
WNW0706	NPOC	02/05/92	92-00168	3.7	mg/L	
WNW0706	NPOC	03/16/92	92-02205	4.5	mg/L	
WNW0706	NPOC	04/27/92	92-04285	3.9	mg/L	
WNW0706	NPOC	08/10/92	92-07526	3.5	mg/L	
WNW0706	NPOC	08/10/92	92-07526	3.6	mg/L	
WNW0706	NPOC	08/24/92	92-09057	3.1	mg/L	
WNW0706	NPOC	10/05/92	92-10637	3.5	mg/L	
WNW0706	NPOC	11/04/92	92-11660	2.9	mg/L	
WNW0706	NPOC	12/03/92	92-13006	5.1	mg/L	
WNW0706	NPOC	01/11/93	93-00210	4.1	mg/L	
WNW0706	NPOC	02/16/93	93-01893	3.7	mg/L	
WNW0706	NPOC	02/16/93	93-01893	3.6	mg/L	
WNW0706	NPOC	04/19/93	93-03823	3.2	mg/L	
WNW0706	NPOC	05/24/93	93-05657	3.4	mg/L	
WNW0706	NPOC	05/24/93	93-05657	3.4	mg/L	
WNW0706	NPOC	07/13/93	93-07044	2.4	mg/L	
WNW0706	NPOC	07/13/93	93-07044	2.5	mg/L	
WNW0706	NPOC	11/05/93	93-11598	3.60	mg/L	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0706	NPOC	02/14/94	94-00310	3.6	mg/L	
WNW0706	NPOC	02/14/94	94-00310	3.5	mg/L	
WNW0706	NPOC	05/05/94	94-03474	3.7	mg/L	
WNW0706	NPOC	05/05/94	94-03474	3.8	mg/L	
WNW0706	NPOC	07/01/94	94-06639	3.2	mg/L	
WNW0706	NPOC	10/05/94	94-11070	2.8	mg/L	
WNW0706	NPOC	12/02/94	94-13302	2.9	mg/L	
WNW0706	TOX	02/19/91	91-01253	37.0	ug/L	
WNW0706	TOX	05/06/91	91-03400	13.0	ug/L	
WNW0706	TOX	06/10/91	91-04962	12.0	ug/L	U
WNW0706	TOX	07/22/91	91-06420	20.0	ug/L	
WNW0706	TOX	09/09/91	91-07976	5.9	ug/L	
WNW0706	TOX	10/14/91	91-09317	6.8	ug/L	
WNW0706	TOX	12/02/91	91-11691	9.0	ug/L	J
WNW0706	TOX	02/05/92	92-00168	12.8	ug/L	
WNW0706	TOX	03/16/92	92-02205	14.6	ug/L	
WNW0706	TOX	04/27/92	92-04285	10.1	ug/L	
WNW0706	TOX	08/10/92	92-07526	8.9	ug/L	
WNW0706	TOX	08/24/92	92-09057	9.4	ug/L	
WNW0706	TOX	10/05/92	92-10637	11.8	ug/L	
WNW0706	TOX	11/04/92	92-11660	7.6	ug/L	
WNW0706	TOX	12/03/92	92-13006	22.8	ug/L	
WNW0706	TOX	01/11/93	93-00210	17.8	ug/L	
WNW0706	TOX	02/16/93	93-01893	9.6	ug/L	
WNW0706	TOX	04/19/93	93-03823	13.1	ug/L	
WNW0706	TOX	05/24/93	93-05657	10.6	ug/L	
WNW0706	TOX	07/13/93	93-07044	8.7	ug/L	
WNW0706	TOX	11/05/93	93-11598	12.6	ug/L	
WNW0706	TOX	02/14/94	94-00310	10.8	ug/L	
WNW0706	TOX	05/05/94	94-03474	16.6	ug/L	
WNW0706	TOX	07/01/94	94-06639	10.4	ug/L	
WNW0706	TOX	10/05/94	94-11062	12.0	ug/L	
WNW0706	TOX	12/02/94	94-13300	15.0	ug/L	
WNW8607	pH	01/14/91	91-00254	6.44	N/A	
WNW8607	pH	01/14/91	91-00254	6.64	N/A	
WNW8607	pH	04/17/91	91-02767	6.11	N/A	
WNW8607	pH	19910515	91-03834	6.36	N/A	
WNW8607	pH	19910709	91-05923	6.89	N/A	
WNW8607	pH	19910709	91-05923	6.95	N/A	
WNW8607	pH	19910819	91-07320	6.29	N/A	
WNW8607	pH	19910819	91-07320	6.22	N/A	
WNW8607	pH	19911007	91-09105	6.34	N/A	
WNW8607	pH	19911007	91-09105	6.33	N/A	
WNW8607	pH	19911118	91-10671	6.18	N/A	
WNW8607	pH	19911118	91-10671	6.13	N/A	
WNW8607	pH	19920113	92-00338	5.90	N/A	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW8607	pH	19920113	92-00338	5.89	N/A	
WNW8607	pH	19920224	92-01568	6.16	N/A	
WNW8607	pH	19920224	92-01568	6.16	N/A	
WNW8607	pH	19920406	92-03898	6.06	N/A	
WNW8607	pH	19920406	92-03898	6.03	N/A	
WNW8607	pH	19920717	92-06428	6.07	N/A	
WNW8607	pH	19920717	92-06428	6.18	N/A	
WNW8607	pH	08/26/92	92-09068	6.53	N/A	
WNW8607	pH	08/26/92	92-09068	6.50	N/A	
WNW8607	pH	10/05/92	92-10575	6.65	N/A	
WNW8607	pH	10/05/92	92-10575	6.53	N/A	
WNW8607	pH	11/04/92	92-11627	6.38	N/A	
WNW8607	pH	11/04/92	92-11627	6.36	N/A	
WNW8607	pH	12/09/92	92-13057	6.25	N/A	
WNW8607	pH	12/09/92	92-13057	6.20	N/A	
WNW8607	pH	01/11/93	93-00221	6.30	N/A	
WNW8607	pH	01/11/93	93-00221	6.29	N/A	
WNW8607	pH	02/17/93	93-01812	6.60	N/A	
WNW8607	pH	02/17/93	93-01812	6.72	N/A	
WNW8607	pH	04/21/93	93-03838	6.66	N/A	
WNW8607	pH	04/21/93	93-03838	6.67	N/A	
WNW8607	pH	05/24/93	93-05592	6.62	N/A	
WNW8607	pH	07/12/93	93-07007	6.48	N/A	
WNW8607	pH	07/12/93	93-07007	6.51	N/A	
WNW8607	pH	11/04/93	93-11480	6.28	N/A	
WNW8607	pH	11/04/93	93-11480	6.30	N/A	
WNW8607	pH	02/21/94	94-00284	6.25	N/A	
WNW8607	pH	02/21/94	94-00284	6.25	N/A	
WNW8607	pH	05/04/94	94-03079	6.56	N/A	
WNW8607	pH	05/04/94	94-03079	6.48	N/A	
WNW8607	pH	07/05/94	94-06844	6.06	N/A	
WNW8607	pH	07/05/94	94-06844	6.10	N/A	
WNW8607	pH	10/06/94	94-10776	6.10	N/A	
WNW8607	pH	10/06/94	94-10776	6.22	N/A	
WNW8607	pH	12/07/94	94-13206	6.15	N/A	
WNW8607	pH	12/07/94	94-13206	6.23	N/A	
WNW8607	Cond	01/14/91	91-00254	556.0	umhos/cm	
WNW8607	Cond	01/14/91	91-00254	601.0	umhos/cm	
WNW8607	Cond	04/17/91	91-02767	608.0	umhos/cm	
WNW8607	Cond	05/15/91	91-03834	793.0	umhos/cm	
WNW8607	Cond	07/09/91	91-05923	649.0	umhos/cm	
WNW8607	Cond	07/09/91	91-05923	651.0	umhos/cm	
WNW8607	Cond	08/19/91	91-07320	706.0	umhos/cm	
WNW8607	Cond	08/19/91	91-07320	714.0	umhos/cm	
WNW8607	Cond	10/07/91	91-09105	838.0	umhos/cm	
WNW8607	Cond	10/07/91	91-09105	846.0	umhos/cm	
WNW8607	Cond	11/18/91	91-10671	944.0	umhos/cm	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW8607	Cond	11/18/91	91-10671	958.0	umhos/cm	
WNW8607	Cond	01/13/92	92-00338	661.0	umhos/cm	
WNW8607	Cond	01/13/92	92-00338	684.0	umhos/cm	
WNW8607	Cond	02/24/92	92-01568	612.0	umhos/cm	
WNW8607	Cond	02/24/92	92-01568	596.0	umhos/cm	
WNW8607	Cond	04/06/92	92-03898	764.0	umhos/cm	
WNW8607	Cond	04/06/92	92-03898	743.0	umhos/cm	
WNW8607	Cond	07/17/92	92-06428	685.0	umhos/cm	
WNW8607	Cond	07/17/92	92-06428	656.0	umhos/cm	
WNW8607	Cond	08/26/92	92-09068	794.0	umhos/cm	
WNW8607	Cond	08/26/92	92-09068	767.0	umhos/cm	
WNW8607	Cond	10/05/92	92-10575	754.0	umhos/cm	
WNW8607	Cond	10/05/92	92-10575	734.0	umhos/cm	
WNW8607	Cond	11/04/92	92-11627	676.0	umhos/cm	
WNW8607	Cond	11/04/92	92-11627	677.0	umhos/cm	
WNW8607	Cond	12/09/92	92-13057	592.0	umhos/cm	
WNW8607	Cond	12/09/92	92-13057	620.0	umhos/cm	
WNW8607	Cond	01/11/93	93-00221	547.0	umhos/cm	
WNW8607	Cond	01/11/93	93-00221	527.0	umhos/cm	
WNW8607	Cond	02/17/93	93-01812	678.0	umhos/cm	
WNW8607	Cond	02/17/93	93-01812	588.0	umhos/cm	
WNW8607	Cond	04/21/93	93-03838	369.0	umhos/cm	
WNW8607	Cond	04/21/93	93-03838	640.0	umhos/cm	
WNW8607	Cond	05/24/93	93-05592	721.0	umhos/cm	
WNW8607	Cond	07/12/93	93-07007	802.0	umhos/cm	
WNW8607	Cond	07/12/93	93-07007	793.0	umhos/cm	
WNW8607	Cond	11/04/93	93-11480	745.0	umhos/cm	
WNW8607	Cond	11/04/93	93-11480	766.0	umhos/cm	
WNW8607	Cond	02/21/94	94-00284	1329	umhos/cm	
WNW8607	Cond	02/21/94	94-00284	1334	umhos/cm	
WNW8607	Cond	05/04/94	94-03079	1446	umhos/cm	
WNW8607	Cond	05/04/94	94-03079	1468	umhos/cm	
WNW8607	Cond	07/05/94	94-06844	1424	umhos/cm	
WNW8607	Cond	07/05/94	94-06844	1388	umhos/cm	
WNW8607	Cond	10/06/94	94-10776	798	umhos/cm	
WNW8607	Cond	10/06/94	94-10776	807	umhos/cm	
WNW8607	Cond	12/07/94	94-13206	799	umhos/cm	
WNW8607	Cond	12/07/94	94-13206	806	umhos/cm	
WNW8607	NPOC	01/14/91	91-00258	1.2	mg/L	
WNW8607	NPOC	02/18/91	91-01194	7.1	mg/L	
WNW8607	NPOC	04/17/91	91-02770	5.7	mg/L	J
WNW8607	NPOC	04/17/91	91-02773	1.6	mg/L	J
WNW8607	NPOC	05/15/91	91-03838	ND < 1.0	mg/L	
WNW8607	NPOC	07/09/91	91-05927	3.2	mg/L	
WNW8607	NPOC	08/19/91	91-07324	14.0	mg/L	
WNW8607	NPOC	10/07/91	91-09108	3.9	mg/L	
WNW8607	NPOC	11/18/91	91-10675	20.0	mg/L	

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW8607	NPOC	01/13/92	92-00339	1.3	mg/L	
WNW8607	NPOC	01/13/92	92-00339	1.2	mg/L	
WNW8607	NPOC	02/24/92	92-01569	1.1	mg/L	
WNW8607	NPOC	04/06/92	92-03899	0.9	mg/L	
WNW8607	NPOC	04/06/92	92-03899	1.1	mg/L	
WNW8607	NPOC	07/17/92	92-06429	1.3	mg/L	
WNW8607	NPOC	08/26/92	92-09069	1.2	mg/L	
WNW8607	NPOC	10/05/92	92-10576	1.3	mg/L	
WNW8607	NPOC	11/04/92	92-11628	1.2	mg/L	
WNW8607	NPOC	12/09/92	92-13058	1.1	mg/L	
WNW8607	NPOC	01/11/93	93-00222	1.0	mg/L	
WNW8607	NPOC	01/11/93	93-00222	0.9	mg/L	
WNW8607	NPOC	02/17/93	93-01813	1.0	mg/L	
WNW8607	NPOC	04/21/93	93-03839	0.8	mg/L	
WNW8607	NPOC	05/24/93	93-05593	0.9	mg/L	
WNW8607	NPOC	07/12/93	93-07008	1.2	mg/L	
WNW8607	NPOC	11/04/93	93-11481	1.60	mg/L	
WNW8607	NPOC	02/21/94	94-00285	1.0	mg/L	
WNW8607	NPOC	07/05/94	94-06845	1.3	mg/L	
WNW8607	NPOC	10/06/94	94-10879	ND < 1.0	mg/L	
WNW8607	NPOC	12/07/94	94-13209	1.3	mg/L	
WNW8607	TOX	01/14/91	91-00257	6.0	ug/L	
WNW8607	TOX	02/18/91	91-01193	15.0	ug/L	
WNW8607	TOX	04/17/91	91-02770	ND < 5.0	ug/L	
WNW8607	TOX	04/17/91	91-02773	ND < 5.0	ug/L	
WNW8607	TOX	05/15/91	91-03838	ND < 5.0	ug/L	
WNW8607	TOX	07/09/91	91-05927	ND < 5.0	ug/L	
WNW8607	TOX	08/19/91	91-07324	ND < 5.0	ug/L	
WNW8607	TOX	10/07/91	91-09108	17.0	ug/L	
WNW8607	TOX	11/18/91	91-10675	ND < 5.0	ug/L	
WNW8607	TOX	01/13/92	92-00339	ND < 4.0	ug/L	
WNW8607	TOX	02/24/92	92-01569	ND < 4.0	ug/L	
WNW8607	TOX	04/06/92	92-03899	ND < 4.0	ug/L	
WNW8607	TOX	07/17/92	92-07855	ND < 5.0	ug/L	
WNW8607	TOX	08/26/92	92-09069	ND < 4.0	ug/L	
WNW8607	TOX	10/05/92	92-10576	ND < 4.0	ug/L	
WNW8607	TOX	11/04/92	92-11628	ND < 4.0	ug/L	
WNW8607	TOX	12/09/92	92-13058	ND < 4.0	ug/L	
WNW8607	TOX	01/11/93	93-00222	ND < 2.0	ug/L	
WNW8607	TOX	02/17/93	93-01813	ND < 4.0	ug/L	
WNW8607	TOX	04/21/93	93-03839	5.4	ug/L	
WNW8607	TOX	05/24/93	93-05593	3.7	ug/L	
WNW8607	TOX	07/12/93	93-07008	5.1	ug/L	
WNW8607	TOX	11/04/93	93-11481	5.60	ug/L	
WNW8607	TOX	02/21/94	94-00285	14.3	ug/L	
WNW8607	TOX	05/04/94	94-03080	2.8	ug/L	
WNW8607	TOX	07/05/94	94-06845	12.9	ug/L	

RFI:0003012.RM

LLWSA Indicator Parameter Data

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW8607	TOX	10/06/94	94-10777	ND < 5.0	ug/L	UJ
WNW8607	TOX	12/07/94	94-13207	9.0	ug/L	J

Appendix D

Expanded Groundwater Program Data

THIS PAGE INTENTIONALLY LEFT BLANK

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0301	al_s	10/29/93	93-11091	ND	< 90.0	µg/L	
WNW0301	al_s	10/29/93	93-11091	ND	< 90.0	µg/L	
WNW0301	al_s	05/16/94	94-03823	ND	< 90.0	µg/L	
WNW0301	al_t	10/29/93	93-11090		9430	µg/L	
WNW0301	al_t	05/16/94	94-03821		3000	µg/L	
WNW0301	ca_s	10/29/93	93-11091		110000	µg/L	
WNW0301	ca_s	10/29/93	93-11091		110000	µg/L	
WNW0301	ca_s	05/16/94	94-03823		142000	µg/L	
WNW0301	ca_t	10/29/93	93-11090		102000	µg/L	
WNW0301	ca_t	05/16/94	94-03821		132000	µg/L	
WNW0301	cl	10/29/93	93-11089		81.0	mg/L	R
WNW0301	cl	05/16/94	94-03819		200	mg/L	
WNW0301	co3	10/29/93	93-11089	ND	< 1.00	mg/L	
WNW0301	co3	05/16/94	94-03819	ND	< 1.00	mg/L	
WNW0301	fe_s	10/29/93	93-11091	ND	< 40.0	µg/L	
WNW0301	fe_s	10/29/93	93-11091	ND	< 40.0	µg/L	
WNW0301	fe_s	05/16/94	94-03823		110	µg/L	
WNW0301	fe_t	10/29/93	93-11090		16700	µg/L	
WNW0301	fe_t	05/16/94	94-03821		14800	ug/L	
WNW0301	hco3	10/29/93	93-11089		226	mg/L	
WNW0301	hco3	05/16/94	94-03819		181	mg/L	
WNW0301	hydroxyl	10/29/93	93-11089	ND	< 1.00	mg/L	
WNW0301	hydroxyl	05/16/94	94-03819	ND	< 1.00	mg/L	
WNW0301	k_s	10/29/93	93-11091		1370	ug/L	
WNW0301	k_s	05/16/94	94-03823		1500	µg/L	
WNW0301	k_t	10/29/93	93-11090		3760	µg/L	
WNW0301	k_t	05/16/94	94-03821		2100	µg/L	
WNW0301	mg_s	10/29/93	93-11091		9870	µg/L	
WNW0301	mg_s	10/29/93	93-11091		9870	µg/L	
WNW0301	mg_s	05/16/94	94-03823		12400	µg/L	
WNW0301	mg_t	10/29/93	93-11090		11400	µg/L	
WNW0301	mg_t	05/16/94	94-03821		12600	µg/L	
WNW0301	mn_s	10/29/93	93-11091		65.0	µg/L	
WNW0301	mn_s	10/29/93	93-11091		65.0	µg/L	
WNW0301	mn_s	05/16/94	94-03823		130	µg/L	
WNW0301	mn_t	10/29/93	93-11090		411	µg/L	
WNW0301	mn_t	05/16/94	94-03821		480	µg/L	
WNW0301	na_s	10/29/93	93-11091		24300	µg/L	
WNW0301	na_s	10/29/93	93-11091		24300	µg/L	
WNW0301	na_s	05/16/94	94-03823		51800	µg/L	
WNW0301	na_t	10/29/93	93-11090		22900	µg/L	
WNW0301	na_t	10/29/93	93-11090		22900	µg/L	
WNW0301	na_t	05/16/94	94-03821		46200	µg/L	
WNW0301	nh3	10/29/93	93-11086	ND	< 0.050	mg/L	

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0301	nh3	05/16/94	94-03813	ND	<0.050	mg/L	
WNW0301	no3no2	10/29/93	93-11088		2.70	mg/L	
WNW0301	no3no2	05/16/94	94-03817		2.70	mg/L	
WNW0301	po4_totl	10/29/93	93-11088		0.230	mg/L	
WNW0301	po4_totl	05/16/94	94-03817		0.140	mg/L	
WNW0301	silica	10/29/93	93-11089		9.4	mg/L	
WNW0301	silica	05/16/94	94-03819		7.50	mg/L	
WNW0301	so4	05/16/94	94-03819		16.7	mg/L	
WNW0301	sulfide	10/29/93	93-11092	ND	<1.00	mg/L	R
WNW0301	sulfide	05/16/94	94-03824	ND	<1.00	mg/L	
WNW0401	al_s	11/04/93	93-11451	ND	<200	µg/L	
WNW0401	al_s	11/04/93	93-11451	ND	<200	µg/L	
WNW0401	al_s	05/04/94	94-02995	ND	<90.0	µg/L	
WNW0401	al_t	11/04/93	93-11450		240	µg/L	
WNW0401	al_t	05/04/94	94-02994		830	µg/L	
WNW0401	ca_s	11/04/93	93-11451		181000	µg/L	
WNW0401	ca_s	11/04/93	93-11451		181000	µg/L	
WNW0401	ca_s	05/04/94	94-02995		238000	µg/L	
WNW0401	ca_t	11/04/93	93-11450		175000	µg/L	
WNW0401	ca_t	05/04/94	94-02994		221000	µg/L	
WNW0401	cl	11/04/93	93-11449		451	mg/L	
WNW0401	cl	05/04/94	94-02993		586	mg/L	
WNW0401	co3	11/04/93	93-11449	ND	<1.00	mg/L	
WNW0401	co3	05/04/94	94-02993	ND	<1.00	mg/L	
WNW0401	fe_s	11/04/93	93-11451		129	µg/L	
WNW0401	fe_s	11/04/93	93-11451		129	µg/L	
WNW0401	fe_s	05/04/94	94-02995		78.0	µg/L	
WNW0401	fe_t	11/04/93	93-11450		752	µg/L	
WNW0401	fe_t	05/04/94	94-02994		3600	µg/L	
WNW0401	hco3	11/04/93	93-11449		139	mg/L	
WNW0401	hco3	05/04/94	94-02993		139	mg/L	
WNW0401	hydroxyl	11/04/93	93-11449	ND	<1.00	mg/L	
WNW0401	hydroxyl	05/04/94	94-02993	ND	<1.00	mg/L	
WNW0401	k_s	11/04/93	93-11451		1900	µg/L	
WNW0401	k_s	05/04/94	94-02995		2100	µg/L	
WNW0401	k_t	11/04/93	93-11450		1870	µg/L	
WNW0401	k_t	05/04/94	94-02994		2100	µg/L	
WNW0401	mg_s	11/04/93	93-11451		19900	µg/L	
WNW0401	mg_s	11/04/93	93-11451		19900	µg/L	
WNW0401	mg_s	05/04/94	94-02995		22200	µg/L	
WNW0401	mg_t	11/04/93	93-11450		19100	µg/L	
WNW0401	mg_t	05/04/94	94-02994		21400	µg/L	
WNW0401	mn_s	11/04/93	93-11451		20.0	µg/L	
WNW0401	mn_s	11/04/93	93-11451		20.0	µg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0401	mn_s	05/04/94	94-02995		31.0	µg/L	
WNW0401	mn_t	11/04/93	93-11450		27.0	µg/L	
WNW0401	mn_t	05/04/94	94-02994		89.0	µg/L	
WNW0401	na_s	11/04/93	93-11451		160000	µg/L	
WNW0401	na_s	11/04/93	93-11451		160000	µg/L	
WNW0401	na_s	05/04/94	94-02995		204000	µg/L	
WNW0401	na_t	11/04/93	93-11450		155000	µg/L	
WNW0401	na_t	11/04/93	93-11450		155000	µg/L	
WNW0401	na_t	05/04/94	94-02994		185000	µg/L	
WNW0401	nh3	11/04/93	93-11502	ND	<0.050	mg/L	
WNW0401	nh3	05/04/94	94-02990	ND	<0.050	mg/L	
WNW0401	no3no2	11/04/93	93-11504		7.60	mg/L	
WNW0401	no3no2	05/04/94	94-02992		8.20	mg/L	
WNW0401	po4_totl	11/04/93	93-11504		0.140	mg/L	
WNW0401	po4_totl	05/04/94	94-02992	ND	<0.020	mg/L	
WNW0401	silica	11/04/93	93-11449		6.60	mg/L	
WNW0401	silica	05/04/94	94-02993		6.50	mg/L	
WNW0401	so4	11/04/93	93-11449		21.7	mg/L	
WNW0401	so4	05/04/94	94-02993		22.4	mg/L	
WNW0401	sulfide	11/04/93	93-11452	ND	<1.00	mg/L	
WNW0401	sulfide	05/04/94	94-02996	ND	<1.00	mg/L	
WNW0406	acetone	11/04/93	93-11694	ND	<10.0	µg/L	
WNW0406	acetone	05/04/94	94-03055	ND	<10.0	µg/L	
WNW0406	benzene	11/04/93	93-11694	ND	<5.00	µg/L	
WNW0406	benzene	05/04/94	94-03055	ND	<0.700	µg/L	
WNW0406	br_meth	11/04/93	93-11694	ND	<10.0	µg/L	
WNW0406	br_meth	05/04/94	94-03055	ND	<10.0	µg/L	
WNW0406	brdcmeth	11/04/93	93-11694	ND	<5.00	µg/L	
WNW0406	brdcmeth	05/04/94	94-03055	ND	<5.00	µg/L	
WNW0406	brform	11/04/93	93-11694	ND	<5.00	µg/L	
WNW0406	brform	05/04/94	94-03055	ND	<5.00	µg/L	
WNW0406	c_13_dcp	11/04/93	93-11694	ND	<5.00	µg/L	
WNW0406	c_13_dcp	05/04/94	94-03055	ND	<5.00	µg/L	
WNW0406	ccl4	11/04/93	93-11694	ND	<5.00	µg/L	
WNW0406	ccl4	05/04/94	94-03055	ND	<5.00	µg/L	
WNW0406	cl_benz	11/04/93	93-11694	ND	<5.00	µg/L	
WNW0406	cl_benz	05/04/94	94-03055	ND	<5.00	µg/L	
WNW0406	cl_eth	11/04/93	93-11694	ND	<10.0	µg/L	
WNW0406	cl_eth	05/04/94	94-03055	ND	<5.00	µg/L	
WNW0406	cl_form	11/04/93	93-11694	ND	<5.00	µg/L	
WNW0406	cl_form	05/04/94	94-03055	ND	<5.00	µg/L	
WNW0406	cl_meth	11/04/93	93-11694	ND	<10.0	µg/L	UJ
WNW0406	cl_meth	05/04/94	94-03055	ND	<5.00	µg/L	
WNW0406	cs2	11/04/93	93-11694	ND	<5.00	µg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0406	cs2	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	dbc_meth	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	dbc_meth	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	dca_11	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	dca_11	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	dca_12	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	dca_12	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	dce_11	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	dce_11	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	dce_12_t	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	dce_12_t	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	dcp_12	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	dcp_12	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	eth_benz	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	eth_benz	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	hexnone2	11/04/93	93-11694	ND	<10.0	µg/L
WNW0406	hexnone2	05/04/94	94-03055	ND	<10.0	µg/L
WNW0406	mek	11/04/93	93-11694	ND	<10.0	µg/L
WNW0406	mek	05/04/94	94-03055	ND	<10.0	µg/L
WNW0406	mene_cl	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	mene_cl	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	mibk	11/04/93	93-11694	ND	<10.0	µg/L
WNW0406	mibk	05/04/94	94-03055	ND	<10.0	µg/L
WNW0406	styrene	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	styrene	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	t_13_dcp	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	t_13_dcp	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	tca_111	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	tca_111	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	tca_112	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	tca_112	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	tca_1122	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	tca_1122	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	tcb_124	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	tcb_124	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	tetcleth	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	tetcleth	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	toluene	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	toluene	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	tricleth	11/04/93	93-11694	ND	<5.00	µg/L
WNW0406	tricleth	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	vnyl_cl	11/04/93	93-11694	ND	<10.0	µg/L
WNW0406	vnyl_cl	05/04/94	94-03055	ND	<2.00	µg/L
WNW0406	xylene	11/04/93	93-11694	ND	<5.00	µg/L

UJ

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0406	xylene	05/04/94	94-03055	ND	<5.00	µg/L
WNW0406	ag_t	11/04/93	93-11691	ND	<0.200	µg/L
WNW0406	ag_t	05/04/94	94-03057	ND	<0.600	µg/L
WNW0406	as_t	11/04/93	93-11691	ND	<3.00	µg/L
WNW0406	as_t	05/04/94	94-03057	ND	<3.00	µg/L
WNW0406	ba_t	11/04/93	93-11691		116	µg/L
WNW0406	ba_t	05/04/94	94-03057		105	µg/L
WNW0406	be_t	11/04/93	93-11691	ND	<3.00	µg/L
WNW0406	be_t	05/04/94	94-03057	ND	<3.00	µg/L
WNW0406	cd_t	11/04/93	93-11691	ND	<0.200	µg/L
WNW0406	cd_t	05/04/94	94-03057	ND	<0.200	µg/L
WNW0406	co_t	11/04/93	93-11691	ND	<20.0	µg/L
WNW0406	co_t	05/04/94	94-03057	ND	<10.0	µg/L
WNW0406	cr_t	11/04/93	93-11691	ND	<10.0	µg/L
WNW0406	cr_t	05/04/94	94-03057	ND	<10.0	µg/L
WNW0406	cu_t	11/04/93	93-11691	ND	<10.0	µg/L
WNW0406	cu_t	05/04/94	94-03057	ND	<10.0	µg/L
WNW0406	cyan_tot	11/04/93	93-11697	ND	<0.010	mg/L
WNW0406	cyan_tot	05/04/94	94-03059	ND	<10.0	mg/L
WNW0406	hg_t	11/04/93	93-11691	ND	<0.200	µg/L
WNW0406	hg_t	05/04/94	94-03057	ND	<0.200	µg/L
WNW0406	ni_t	11/04/93	93-11691	ND	<30.0	µg/L
WNW0406	ni_t	05/04/94	94-03057	ND	<30.0	µg/L
WNW0406	pb_t	11/04/93	93-11691		2.00	µg/L
WNW0406	pb_t	05/04/94	94-03057	ND	<2.00	µg/L
WNW0406	sb_t	11/04/93	93-11691	ND	<3.00	µg/L
WNW0406	sb_t	05/04/94	94-03057	ND	<6.00	µg/L
WNW0406	se_t	11/04/93	93-11691	ND	<3.00	µg/L
WNW0406	se_t	05/04/94	94-03057	ND	<3.00	µg/L
WNW0406	tl_t	11/04/93	93-11691	ND	<3.00	µg/L
WNW0406	tl_t	05/04/94	94-03057	ND	<3.00	µg/L
WNW0406	v_t	11/04/93	93-11691	ND	<20.0	µg/L
WNW0406	v_t	05/04/94	94-03057	ND	<10.0	µg/L
WNW0406	zn_t	11/04/93	93-11691		13.5	µg/L
WNW0406	zn_t	05/04/94	94-03057		31.6	µg/L
WNW0406	al_s	11/04/93	93-11692		278	µg/L
WNW0406	al_s	11/04/93	93-11692		278	µg/L
WNW0406	al_s	05/04/94	94-03053	ND	<90.0	µg/L
WNW0406	al_t	11/04/93	93-11691		2270	µg/L
WNW0406	al_t	05/04/94	94-03057		1170	µg/L
WNW0406	ca_s	11/04/93	93-11692		98300	µg/L
WNW0406	ca_s	11/04/93	93-11692		98300	µg/L
WNW0406	ca_s	05/04/94	94-03053		97700	µg/L
WNW0406	ca_t	11/04/93	93-11691		93400	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0406	ca_t	05/04/94	94-03057		94300	µg/L	
WNW0406	cl	11/04/93	93-11690		25.0	mg/L	
WNW0406	cl	05/04/94	94-03052		46.9	mg/L	
WNW0406	co3	11/04/93	93-11690	ND	<1.00	mg/L	
WNW0406	co3	05/04/94	94-03052	ND	<1.00	mg/L	
WNW0406	fe_s	11/04/93	93-11692		202	µg/L	
WNW0406	fe_s	11/04/93	93-11692		202	µg/L	
WNW0406	fe_s	05/04/94	94-03053	ND	<40.0	µg/L	
WNW0406	fe_t	11/04/93	93-11691		2350	µg/L	
WNW0406	fe_t	05/04/94	94-03057		2090	µg/L	
WNW0406	hco3	11/04/93	93-11690		215	mg/L	
WNW0406	hco3	05/04/94	94-03052		185	mg/L	
WNW0406	hydroxyl	11/04/93	93-11690	ND	<1.00	mg/L	
WNW0406	hydroxyl	05/04/94	94-03052	ND	<1.00	mg/L	
WNW0406	k_s	11/04/93	93-11692		2450	µg/L	
WNW0406	k_s	05/04/94	94-03053		1950	µg/L	
WNW0406	k_t	11/04/93	93-11691		3050	µg/L	
WNW0406	k_t	05/04/94	94-03057		1990	µg/L	
WNW0406	mg_s	11/04/93	93-11692		13200	µg/L	
WNW0406	mg_s	11/04/93	93-11692		13200	µg/L	
WNW0406	mg_s	05/04/94	94-03053		12700	µg/L	
WNW0406	mg_t	11/04/93	93-11691		13000	µg/L	
WNW0406	mg_t	05/04/94	94-03057		12400	µg/L	
WNW0406	mn_s	11/04/93	93-11692		3710	µg/L	
WNW0406	mn_s	11/04/93	93-11692		3710	µg/L	
WNW0406	mn_s	05/04/94	94-03053		4880	µg/L	
WNW0406	mn_t	11/04/93	93-11691		3630	µg/L	
WNW0406	mn_t	05/04/94	94-03057		3730	µg/L	
WNW0406	na_s	11/04/93	93-11692		15300	µg/L	
WNW0406	na_s	11/04/93	93-11692		15300	µg/L	
WNW0406	na_s	05/04/94	94-03053		16500	µg/L	
WNW0406	na_t	11/04/93	93-11691		14200	µg/L	
WNW0406	na_t	11/04/93	93-11691		14200	µg/L	
WNW0406	na_t	05/04/94	94-03057		15400	µg/L	
WNW0406	nh3	11/04/93	93-11687		0.180	mg/L	
WNW0406	nh3	05/04/94	94-03049		0.160	mg/L	
WNW0406	nh3	05/04/94	94-03049		0.160	mg/L	
WNW0406	no3no2	11/04/93	93-11689		0.600	mg/L	
WNW0406	no3no2	05/04/94	94-03051		0.390	mg/L	
WNW0406	po4_totl	11/04/93	93-11689	ND	<0.050	mg/L	
WNW0406	po4_totl	05/04/94	94-03051		0.060	mg/L	
WNW0406	silica	11/04/93	93-11690		9.6	mg/L	
WNW0406	silica	05/04/94	94-03052		7.90	mg/L	
WNW0406	so4	11/04/93	93-11690		73.2	mg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0406	so4	05/04/94	94-03052		64.6	mg/L	
WNW0406	sulfide	11/04/93	93-11693	ND	<1.00	mg/L	
WNW0406	sulfide	05/04/94	94-03054	ND	<1.00	mg/L	
WNW0406	a_bhc	11/04/93	93-11696	ND	<0.050	µg/L	UJ
WNW0406	a_bhc	05/04/94	94-03058	ND	<0.052	µg/L	
WNW0406	a_chlrdn	11/04/93	93-11696	ND	<0.500	µg/L	
WNW0406	a_chlrdn	05/04/94	94-03058	ND	<0.520	µg/L	
WNW0406	aldrin	11/04/93	93-11696	ND	<0.050	µg/L	
WNW0406	aldrin	05/04/94	94-03058	ND	<0.050	µg/L	
WNW0406	b_bhc	11/04/93	93-11696	ND	<0.050	µg/L	
WNW0406	b_bhc	05/04/94	94-03058	ND	<0.050	µg/L	
WNW0406	d_bhc	11/04/93	93-11696	ND	<0.050	µg/L	UJ
WNW0406	d_bhc	05/04/94	94-03058	ND	<0.050	µg/L	
WNW0406	ddd_44	11/04/93	93-11696	ND	<0.100	µg/L	
WNW0406	ddd_44	05/04/94	94-03058	ND	<0.100	µg/L	
WNW0406	dde_44	11/04/93	93-11696	ND	<0.100	µg/L	
WNW0406	dde_44	05/04/94	94-03058	ND	<0.100	µg/L	
WNW0406	ddt_44	11/04/93	93-11696	ND	<0.100	µg/L	
WNW0406	ddt_44	05/04/94	94-03058	ND	<0.100	µg/L	UJ
WNW0406	dieldrin	11/04/93	93-11696	ND	<0.100	µg/L	
WNW0406	dieldrin	05/04/94	94-03058	ND	<0.100	µg/L	
WNW0406	endos_1	11/04/93	93-11696	ND	<0.100	µg/L	
WNW0406	endos_1	05/04/94	94-03058	ND	<0.100	µg/L	
WNW0406	endos_2	11/04/93	93-11696	ND	<0.100	µg/L	
WNW0406	endos_2	05/04/94	94-03058	ND	<0.100	µg/L	
WNW0406	endos_s	11/04/93	93-11696	ND	<0.100	µg/L	
WNW0406	endos_s	05/04/94	94-03058	ND	<0.100	µg/L	
WNW0406	endrin	11/04/93	93-11696	ND	<0.100	µg/L	
WNW0406	endrin	05/04/94	94-03058	ND	<0.100	µg/L	
WNW0406	endrn_al	05/04/94	94-03058	ND	<0.100	µg/L	
WNW0406	endrn_kt	11/04/93	93-11696	ND	<0.100	µg/L	
WNW0406	endrn_kt	05/04/94	94-03058	ND	<0.100	µg/L	
WNW0406	g_bhc	11/04/93	93-11696	ND	<0.050	µg/L	
WNW0406	g_bhc	05/04/94	94-03058	ND	<0.052	µg/L	
WNW0406	g_chlrdn	11/04/93	93-11696	ND	<1.00	µg/L	
WNW0406	g_chlrdn	05/04/94	94-03058	ND	<0.520	µg/L	
WNW0406	hept_clr	11/04/93	93-11696	ND	<0.050	µg/L	
WNW0406	hept_clr	05/04/94	94-03058	ND	<0.052	µg/L	
WNW0406	hept_epx	11/04/93	93-11696	ND	<0.050	µg/L	
WNW0406	hept_epx	05/04/94	94-03058	ND	<0.050	µg/L	
WNW0406	meth_xcl	11/04/93	93-11696	ND	<0.500	µg/L	
WNW0406	meth_xcl	05/04/94	94-03058	ND	<0.500	µg/L	
WNW0406	pcb_1016	11/04/93	93-11696	ND	<0.500	µg/L	UJ
WNW0406	pcb_1016	05/04/94	94-03058	ND	<0.500	µg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0406	pcb_1221	11/04/93	93-11696	ND	<1.00	µg/L
WNW0406	pcb_1221	05/04/94	94-03058	ND	<1.00	µg/L
WNW0406	pcb_1232	11/04/93	93-11696	ND	<0.500	µg/L
WNW0406	pcb_1232	05/04/94	94-03058	ND	<0.500	µg/L
WNW0406	pcb_1242	11/04/93	93-11696	ND	<0.500	µg/L UJ
WNW0406	pcb_1242	05/04/94	94-03058	ND	<0.500	µg/L
WNW0406	pcb_1248	11/04/93	93-11696	ND	<0.500	µg/L
WNW0406	pcb_1248	05/04/94	94-03058	ND	<0.500	µg/L
WNW0406	pcb_1254	11/04/93	93-11696	ND	<0.500	µg/L
WNW0406	pcb_1254	05/04/94	94-03058	ND	<0.500	µg/L
WNW0406	pcb_1260	11/04/93	93-11696	ND	<0.500	µg/L
WNW0406	pcb_1260	05/04/94	94-03058	ND	<0.500	µg/L
WNW0406	toxaphen	11/04/93	93-11696	ND	<1.00	µg/L
WNW0406	toxaphen	05/04/94	94-03058	ND	<1.00	µg/L UJ
WNW0406	acnphthe	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	acnphthe	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	acnphthy	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	acnphthy	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	anthracn	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	anthracn	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	bis2ceth	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	bis2ceth	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	bis2cexy	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	bis2cexy	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	bis2clis	11/04/93	93-11695	ND	<10.0	µg/L UJ
WNW0406	bis2clis	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	bis2ehex	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	bis2ehex	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	bnz_a_an	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	bnz_a_an	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	bnz_a_py	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	bnz_a_py	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	bnz_b_fl	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	bnz_b_fl	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	bnz_k_fl	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	bnz_k_fl	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	bnzghipr	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	bnzghipr	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	brppeth4	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	brppeth4	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	butbnzph	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	butbnzph	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	carbazol	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	carbazol	05/04/94	94-03056	ND	<10.0	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0406	chppeth4	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	chppeth4	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	chrysene	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	chrysene	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	clnaph2	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	clnaph2	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	clphen_2	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	clphen_2	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	dbahanth	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	dbahanth	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	dcb_33	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	dcb_33	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	dibnzfur	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	dibnzfur	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	diclph24	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	diclph24	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	diethyph	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	diethyph	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	dimthp24	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	dimthp24	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	dimthyph	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	dimthyph	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	dinbutph	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	dinbutph	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	dinoctph	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	dinoctph	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	dintrp24	11/04/93	93-11695	ND	<50.0	µg/L
WNW0406	dintrp24	05/04/94	94-03056	ND	<51.0	µg/L
WNW0406	dintrt24	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	dintrt24	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	dintrt26	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	dintrt26	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	dntcr46	11/04/93	93-11695	ND	<50.0	µg/L
WNW0406	dntcr46	05/04/94	94-03056	ND	<51.0	µg/L
WNW0406	flranthn	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	flranthn	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	fluorene	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	fluorene	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	hexclbnz	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	hexclbnz	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	hexclbut	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	hexclbut	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	hexcleth	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	hexcleth	05/04/94	94-03056	ND	<10.0	µg/L

UJ

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0406	hexclpen	11/04/93	93-11695	ND	<10.0	µg/L UJ
WNW0406	hexclpen	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	indnpyre	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	indnpyre	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	isophron	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	isophron	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	m_dclbnz	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	m_dclbnz	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	m_ntranl	11/04/93	93-11695	ND	<50.0	µg/L
WNW0406	m_ntranl	05/04/94	94-03056	ND	<51.0	µg/L
WNW0406	mthynph2	11/04/93	93-11695	ND	<10.0	µg/L UJ
WNW0406	mthynph2	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	naphthal	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	naphthal	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	nntprphny	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	nntprphny	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	nntprppy	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	nntprppy	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	ntrobenz	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	ntrobenz	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	o_cresol	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	o_cresol	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	o_dclbnz	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	o_dclbnz	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	o_ntranl	11/04/93	93-11695	ND	<50.0	µg/L
WNW0406	o_ntranl	05/04/94	94-03056	ND	<51.0	µg/L
WNW0406	o_ntrphn	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	o_ntrphn	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	p_cresol	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	p_cresol	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	p_dclbnz	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	p_dclbnz	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	p_ntranl	11/04/93	93-11695	ND	<50.0	µg/L
WNW0406	p_ntranl	05/04/94	94-03056	ND	<51.0	µg/L
WNW0406	p_ntrphn	11/04/93	93-11695	ND	<50.0	µg/L
WNW0406	p_ntrphn	05/04/94	94-03056	ND	<51.0	µg/L
WNW0406	pclranil	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	pclranil	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	pclrmcrs	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	pclrmcrs	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	phenol	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	phenol	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	phnanthr	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	phnanthr	05/04/94	94-03056	ND	<10.0	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0406	pntclphn	11/04/93	93-11695	ND	<50.0	µg/L
WNW0406	pntclphn	05/04/94	94-03056	ND	<51.0	µg/L
WNW0406	pyrene	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	pyrene	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	tlph245	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	tlph245	05/04/94	94-03056	ND	<10.0	µg/L
WNW0406	tlph246	11/04/93	93-11695	ND	<10.0	µg/L
WNW0406	tlph246	05/04/94	94-03056	ND	<10.0	µg/L
WNW0408	acetone	12/06/93	93-12956	ND	<10.0	µg/L
WNW0408	acetone	05/09/94	94-04137	ND	<10.0	µg/L
WNW0408	benzene	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	benzene	05/09/94	94-04137	ND	<0.700	µg/L
WNW0408	br_meth	12/06/93	93-12956	ND	<10.0	µg/L
WNW0408	br_meth	05/09/94	94-04137	ND	<10.0	µg/L
WNW0408	brdcmeth	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	brdcmeth	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	brform	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	brform	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	c_13_dcp	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	c_13_dcp	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	ccl4	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	ccl4	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	cl_benz	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	cl_benz	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	cl_eth	12/06/93	93-12956	ND	<10.0	µg/L
WNW0408	cl_eth	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	cl_form	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	cl_form	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	cl_meth	12/06/93	93-12956	ND	<10.0	µg/L
WNW0408	cl_meth	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	cs2	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	cs2	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	dbc_meth	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	dbc_meth	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	dca_11	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	dca_11	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	dca_12	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	dca_12	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	dce_11	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	dce_11	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	dce_12_t	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	dce_12_t	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	dcp_12	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	dcp_12	05/09/94	94-04137	ND	<5.00	µg/L

R

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0408	eth_benz	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	eth_benz	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	hexnone2	12/06/93	93-12956	ND	<10.0	µg/L
WNW0408	hexnone2	05/09/94	94-04137	ND	<10.0	µg/L
WNW0408	mek	12/06/93	93-12956	ND	<10.0	µg/L
WNW0408	mek	05/09/94	94-04137	ND	<10.0	µg/L
WNW0408	mene_cl	12/06/93	93-12956		2.00	µg/L UJ
WNW0408	mene_cl	05/09/94	94-04137		4.00	µg/L UJ
WNW0408	mibk	12/06/93	93-12956	ND	<10.0	µg/L
WNW0408	mibk	05/09/94	94-04137	ND	<10.0	µg/L UJ
WNW0408	styrene	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	styrene	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	t_13_dcp	12/06/93	93-12956	ND	<5.00	µg/L UJ
WNW0408	t_13_dcp	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	tca_111	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	tca_111	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	tca_112	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	tca_112	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	tca_1122	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	tca_1122	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	tcb_124	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	tcb_124	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	tetcleth	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	tetcleth	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	toluene	12/06/93	93-12956		1.00	µg/L J
WNW0408	toluene	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	tricleth	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	tricleth	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	vnvl_cl	12/06/93	93-12956	ND	<10.0	µg/L
WNW0408	vnvl_cl	05/09/94	94-04137	ND	<2.00	µg/L
WNW0408	xylene	12/06/93	93-12956	ND	<5.00	µg/L
WNW0408	xylene	05/09/94	94-04137	ND	<5.00	µg/L
WNW0408	ag_t	12/07/93	93-12953	ND	<3.00	µg/L
WNW0408	ag_t	05/09/94	94-04139		8.80	µg/L
WNW0408	as_t	12/07/93	93-12953	ND	<1.00	µg/L
WNW0408	as_t	05/09/94	94-04139	ND	<1.00	µg/L
WNW0408	ba_t	12/07/93	93-12953		332	µg/L
WNW0408	ba_t	05/09/94	94-04139		291	µg/L
WNW0408	be_t	12/07/93	93-12953	ND	<1.00	µg/L
WNW0408	be_t	05/09/94	94-04139	ND	<1.00	µg/L
WNW0408	cd_t	12/07/93	93-12953	ND	<2.00	µg/L
WNW0408	cd_t	05/09/94	94-04139		3.00	µg/L
WNW0408	co_t	12/07/93	93-12953	ND	<3.00	µg/L
WNW0408	co_t	05/09/94	94-04139	ND	<3.00	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0408	cr_t	12/07/93	93-12953		14.6	µg/L	
WNW0408	cr_t	05/09/94	94-04139		39.0	µg/L	
WNW0408	cu_t	12/07/93	93-12953		4.70	µg/L	
WNW0408	cu_t	05/09/94	94-04139		5.20	µg/L	
WNW0408	cyan_tot	12/06/93	93-12959	ND	<0.003	mg/L	R
WNW0408	cyan_tot	05/09/94	94-04141	ND	<5.00	mg/L	
WNW0408	hg_t	12/07/93	93-12953	ND	<0.150	µg/L	
WNW0408	hg_t	05/09/94	94-04139		0.300	µg/L	
WNW0408	ni_t	12/07/93	93-12953		180	µg/L	
WNW0408	ni_t	05/09/94	94-04139		192	µg/L	
WNW0408	pb_t	12/07/93	93-12953		1.10	µg/L	
WNW0408	pb_t	05/09/94	94-04139		11.4	µg/L	J
WNW0408	sb_t	12/07/93	93-12953	ND	<12.0	µg/L	
WNW0408	sb_t	05/09/94	94-04139	ND	<20.0	µg/L	
WNW0408	se_t	12/07/93	93-12953	ND	<1.00	µg/L	
WNW0408	se_t	05/09/94	94-04139	ND	<1.00	µg/L	
WNW0408	si_s	05/09/94	94-04135		4040	µg/L	
WNW0408	tl_t	12/07/93	93-12953	ND	<1.00	µg/L	J
WNW0408	tl_t	05/09/94	94-04139	ND	<1.00	µg/L	UJ
WNW0408	v_t	12/07/93	93-12953	ND	<3.00	µg/L	
WNW0408	v_t	05/09/94	94-04139		2.20	µg/L	
WNW0408	zn_t	12/07/93	93-12953		13.2	µg/L	
WNW0408	zn_t	05/09/94	94-04139		7.80	µg/L	
WNW0408	al_s	12/07/93	93-12954		32.0	µg/L	
WNW0408	al_s	12/07/93	93-12954		32.0	µg/L	
WNW0408	al_s	05/09/94	94-04135		20.0	µg/L	J
WNW0408	al_t	12/07/93	93-12953		406	µg/L	
WNW0408	al_t	05/09/94	94-04139		397	µg/L	
WNW0408	ca_s	12/07/93	93-12954		153000	µg/L	
WNW0408	ca_s	12/07/93	93-12954		153000	µg/L	
WNW0408	ca_s	05/09/94	94-04135		125000	µg/L	
WNW0408	ca_t	12/07/93	93-12953		152000	µg/L	
WNW0408	ca_t	05/09/94	94-04139		146000	µg/L	
WNW0408	cl	12/07/93	93-12952		282	mg/L	
WNW0408	cl	05/09/94	94-04134		317	mg/L	
WNW0408	co3	12/07/93	93-12952	ND	<1.00	mg/L	
WNW0408	co3	05/09/94	94-04134		122	mg/L	
WNW0408	fe_s	12/07/93	93-12954		47.0	µg/L	J
WNW0408	fe_s	12/07/93	93-12954		47.0	µg/L	J
WNW0408	fe_s	05/09/94	94-04135		40.0	µg/L	
WNW0408	fe_t	12/07/93	93-12953		616	µg/L	J
WNW0408	fe_t	05/09/94	94-04139		1250	µg/L	
WNW0408	hco3	12/07/93	93-12952		338	mg/L	
WNW0408	hco3	05/09/94	94-04134	ND	<1.00	mg/L	

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0408	hydroxyl	12/07/93	93-12952	ND	<1.00	mg/L
WNW0408	hydroxyl	05/09/94	94-04134	ND	<1.00	mg/L
WNW0408	k_s	12/07/93	94-12954		3290	µg/L
WNW0408	k_s	05/09/94	94-04135		3230	µg/L
WNW0408	k_t	12/07/93	93-12953		3310	µg/L
WNW0408	k_t	05/09/94	94-04139		3610	µg/L
WNW0408	mg_s	12/07/93	93-12954		23300	µg/L
WNW0408	mg_s	12/07/93	93-12954		23300	µg/L
WNW0408	mg_s	05/09/94	94-04135		21100	µg/L
WNW0408	mg_t	12/07/93	93-12953		23600	µg/L
WNW0408	mg_t	05/09/94	94-04139		24200	µg/L
WNW0408	mn_s	12/07/93	93-12954		55.3	µg/L
WNW0408	mn_s	12/07/93	93-12954		55.3	µg/L
WNW0408	mn_s	05/09/94	94-04135		28.6	µg/L
WNW0408	mn_t	12/07/93	93-12953		199	µg/L
WNW0408	mn_t	05/09/94	94-04139		76.0	µg/L
WNW0408	na_s	12/07/93	93-12954		88100	µg/L
WNW0408	na_s	12/07/93	93-12954		88100	µg/L
WNW0408	na_s	05/09/94	94-04135		84300	µg/L
WNW0408	na_t	12/07/93	93-12953		87800	µg/L
WNW0408	na_t	12/07/93	93-12953		87800	µg/L
WNW0408	na_t	05/09/94	94-04139		91000	µg/L
WNW0408	nh3	12/07/93	93-12951		0.120	mg/L
WNW0408	nh3	05/09/94	94-04133	ND	<0.030	mg/L
WNW0408	no3no2	12/07/93	93-12951		1.41	mg/L
WNW0408	no3no2	05/09/94	94-04133		1.46	mg/L
WNW0408	po4_totl	12/07/93	93-12951	ND	<0.050	mg/L
WNW0408	po4_totl	05/09/94	94-04133	ND	<0.050	mg/L
WNW0408	silica	12/07/93	93-12952		12.7	mg/L
WNW0408	so4	12/07/93	93-12952		34.8	mg/L
WNW0408	so4	05/09/94	94-04134		31.8	mg/L
WNW0408	sulfide	12/07/93	93-12955	ND	<1.00	mg/L
WNW0408	sulfide	05/09/94	94-04136	ND	<1.00	mg/L
WNW0408	a_bhc	12/06/93	93-12958	ND	<0.010	µg/L
WNW0408	a_bhc	05/09/94	94-04140	ND	<0.005	µg/L
WNW0408	a_chrlidn	12/06/93	93-12958	ND	<0.010	µg/L
WNW0408	a_chrlidn	05/09/94	94-04140	ND	<0.000	µg/L
WNW0408	aldrin	12/06/93	93-12958	ND	<0.010	µg/L
WNW0408	aldrin	05/09/94	94-04140	ND	<0.000	µg/L
WNW0408	b_bhc	12/06/93	93-12958	ND	<0.010	µg/L
WNW0408	b_bhc	05/09/94	94-04140	ND	<0.000	µg/L
WNW0408	d_bhc	12/06/93	93-12958	ND	<0.010	µg/L
WNW0408	d_bhc	05/09/94	94-04140	ND	<0.000	µg/L
WNW0408	ddd_44	12/06/93	93-12958	ND	<0.010	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0408	ddd_44	05/09/94	94-04140	ND	<0.010	µg/L	
WNW0408	dde_44	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	dde_44	05/09/94	94-04140	ND	<0.010	µg/L	
WNW0408	ddt_44	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	ddt_44	05/09/94	94-04140	ND	<0.010	µg/L	
WNW0408	dieldrin	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	dieldrin	05/09/94	94-04140	ND	<0.010	µg/L	
WNW0408	endos_1	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	endos_1	05/09/94	94-04140	ND	<0.000	µg/L	
WNW0408	endos_2	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	endos_2	05/09/94	94-04140	ND	<0.010	µg/L	
WNW0408	endos_s	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	endos_s	05/09/94	94-04140	ND	<0.010	µg/L	
WNW0408	endrin	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	endrin	05/09/94	94-04140	ND	<0.010	µg/L	
WNW0408	endrn_al	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	endrn_al	05/09/94	94-04140	ND	<0.010	µg/L	
WNW0408	endrn_kt	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	endrn_kt	05/09/94	94-04140	ND	<0.010	µg/L	
WNW0408	g_bhc	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	g_bhc	05/09/94	94-04140	ND	<0.005	µg/L	
WNW0408	g_chlrdrn	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	g_chlrdrn	05/09/94	94-04140	ND	<0.000	µg/L	
WNW0408	hept_clr	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	hept_clr	05/09/94	94-04140	ND	<0.005	µg/L	
WNW0408	hept_epx	12/06/93	93-12958	ND	<0.010	µg/L	
WNW0408	hept_epx	05/09/94	94-04140	ND	<0.000	µg/L	
WNW0408	meth_xcl	12/06/93	93-12958	ND	<0.100	µg/L	
WNW0408	meth_xcl	05/09/94	94-04140	ND	<0.000	µg/L	
WNW0408	pcb_1016	12/06/93	93-12958	ND	<0.100	µg/L	
WNW0408	pcb_1016	05/09/94	94-04140	ND	<0.100	µg/L	
WNW0408	pcb_1221	12/06/93	93-12958	ND	<0.200	µg/L	
WNW0408	pcb_1221	05/09/94	94-04140	ND	<0.200	µg/L	
WNW0408	pcb_1232	12/06/93	93-12958	ND	<0.100	µg/L	
WNW0408	pcb_1232	05/09/94	94-04140	ND	<0.100	µg/L	
WNW0408	pcb_1242	12/06/93	93-12958	ND	<0.100	µg/L	
WNW0408	pcb_1242	05/09/94	94-04140	ND	<0.100	µg/L	
WNW0408	pcb_1248	12/06/93	93-12958	ND	<0.100	µg/L	
WNW0408	pcb_1248	05/09/94	94-04140	ND	<0.100	µg/L	
WNW0408	pcb_1254	12/06/93	93-12958	ND	<0.100	µg/L	
WNW0408	pcb_1254	05/09/94	94-04140	ND	<0.100	µg/L	
WNW0408	pcb_1260	12/06/93	93-12958	ND	<0.100	µg/L	
WNW0408	pcb_1260	05/09/94	94-04140	ND	<0.100	µg/L	
WNW0408	toxaphen	12/06/93	93-12958	ND	<1.00	µg/L	

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0408	toxaphen	05/09/94	94-04140	ND	<0.500	µg/L
WNW0408	acnphthe	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	acnphthe	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	acnphthy	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	acnphthy	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	anthracn	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	anthracn	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	bis2ceth	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	bis2ceth	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	bis2cexy	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	bis2cexy	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	bis2clis	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	bis2clis	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	bis2ehex	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	bis2ehex	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	bnz_a_an	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	bnz_a_an	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	bnz_a_py	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	bnz_a_py	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	bnz_b_fl	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	bnz_b_fl	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	bnz_k_fl	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	bnz_k_fl	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	bnzghipr	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	bnzghipr	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	brppeth4	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	brppeth4	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	butbnzph	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	butbnzph	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	carbazol	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	carbazol	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	chppeth4	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	chppeth4	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	chrysene	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	chrysene	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	clnaph2	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	clnaph2	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	clphen_2	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	clphen_2	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	dbahanth	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	dbahanth	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	dcb_33	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	dcb_33	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	dibnzfur	12/06/93	93-12957	ND	<10.0	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0408	dibnzfur	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	diclph24	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	diclph24	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	diethyph	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	diethyph	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	dimthp24	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	dimthp24	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	dimthyph	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	dimthyph	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	dinbutph	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	dinbutph	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	dinoctph	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	dinoctph	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	dintrp24	12/06/93	93-12957	ND	<25.0	µg/L UJ
WNW0408	dintrp24	05/09/94	94-04138	ND	<25.0	µg/L UJ
WNW0408	dintrt24	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	dintrt24	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	dintrt26	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	dintrt26	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	dntcr46	12/06/93	93-12957	ND	<25.0	µg/L
WNW0408	dntcr46	05/09/94	94-04138	ND	<25.0	µg/L UJ
WNW0408	flranthn	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	flranthn	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	fluorene	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	fluorene	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	hexclbnz	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	hexclbnz	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	hexclbut	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	hexclbut	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	hexcleth	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	hexcleth	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	hexclpen	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	hexclpen	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	indnpyre	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	indnpyre	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	isophron	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	isophron	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	m_dclbnz	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	m_dclbnz	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	m_ntranl	12/06/93	93-12957	ND	<25.0	µg/L
WNW0408	m_ntranl	05/09/94	94-04138	ND	<25.0	µg/L
WNW0408	mthynph2	12/06/93	93-12957	ND	<10.0	µg/L
WNW0408	mthynph2	05/09/94	94-04138	ND	<9.9	µg/L
WNW0408	naphthal	12/06/93	93-12957	ND	<10.0	µg/L

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0408	naphthal	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	nntrphny	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	nntrphny	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	nntrprpy	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	nntrprpy	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	ntrobenz	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	ntrobenz	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	o_cresol	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	o_cresol	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	o_dclbnz	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	o_dclbnz	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	o_ntranl	12/06/93	93-12957	ND	<25.0	µg/L	
WNW0408	o_ntranl	05/09/94	94-04138	ND	<25.0	µg/L	
WNW0408	o_ntrphn	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	o_ntrphn	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	p_cresol	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	p_cresol	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	p_dclbnz	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	p_dclbnz	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	p_ntranl	12/06/93	93-12957	ND	<25.0	µg/L	
WNW0408	p_ntranl	05/09/94	94-04138	ND	<25.0	µg/L	
WNW0408	p_ntrphn	12/06/93	93-12957	ND	<25.0	µg/L	
WNW0408	p_ntrphn	05/09/94	94-04138	ND	<25.0	µg/L	UJ
WNW0408	pclranil	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	pclranil	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	pclrmcrs	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	pclrmcrs	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	phenol	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	phenol	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	phnanthr	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	phnanthr	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	pntclphn	12/06/93	93-12957	ND	<25.0	µg/L	
WNW0408	pntclphn	05/09/94	94-04138	ND	<25.0	µg/L	
WNW0408	pyrene	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	pyrene	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	tlcph245	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	tlcph245	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0408	tlcph246	12/06/93	93-12957	ND	<10.0	µg/L	
WNW0408	tlcph246	05/09/94	94-04138	ND	<9.9	µg/L	
WNW0501	acetone	12/06/93	93-12971	ND	<10.0	µg/L	UJ
WNW0501	acnitril	12/06/93	93-12971	ND	<100	µg/L	UJ
WNW0501	acrolein	12/06/93	93-12971	ND	<5.00	µg/L	UJ
WNW0501	acrynitri	12/06/93	93-12971	ND	<5.00	µg/L	
WNW0501	allylcl	12/06/93	93-12971	ND	<100	µg/L	

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0501	benzene	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	br_meth	12/06/93	93-12971	ND	<10.0	µg/L
WNW0501	brdcmeth	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	brform	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	c_13_dcp	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	cc14	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	cl_benz	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	cl_eth	12/06/93	93-12971	ND	<10.0	µg/L
WNW0501	cl_form	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	cl_meth	12/06/93	93-12971	ND	<10.0	µg/L
WNW0501	cl_prene	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	clevethr	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	cs2	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	dbc_meth	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	dbc_prop	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	dbeth_12	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	dca_11	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	dca_12	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	dcdfmeth	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	dce_11	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	dcp_12	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	diox_14	12/06/93	93-12971	ND	<150	µg/L R
WNW0501	eth_benz	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	eth_meth	12/06/93	93-12971	ND	<5.00	µg/L R
WNW0501	hexnone2	12/06/93	93-12971	ND	<10.0	µg/L
WNW0501	ibut_alc	12/06/93	93-12971	ND	<50.0	µg/L
WNW0501	meacryln	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	mek	12/06/93	93-12971	ND	<10.0	µg/L
WNW0501	mene_br	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	mene_cl	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	meth_i	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	methmeac	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	mibk	12/06/93	93-12971	ND	<10.0	µg/L
WNW0501	picoline	12/06/93	93-12971	ND	<50.0	µg/L R
WNW0501	pntcleth	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	propnitl	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	pyridine	12/06/93	93-12971	ND	<50.0	µg/L R
WNW0501	styrene	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	t_12_dce	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	t_13_dcp	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	t_14dc2b	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	tca_111	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	tca_1112	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	tca_112	12/06/93	93-12971	ND	<5.00	µg/L

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0501	tca_1122	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	tcb_124	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	tcf_meth	12/06/93	93-12971	ND	<5.00	µg/L UJ
WNW0501	tcp_123	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	tetcleth	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	toluene	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	tricleth	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	vnvl_ace	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	vnvl_cl	12/06/93	93-12971	ND	<10.0	µg/L
WNW0501	xylene	12/06/93	93-12971	ND	<5.00	µg/L
WNW0501	ag_t	12/06/93	93-12968	ND	<3.00	µg/L
WNW0501	as_t	12/06/93	93-12968	ND	<1.00	µg/L
WNW0501	ba_t	12/06/93	93-12968		252	µg/L
WNW0501	be_t	12/06/93	93-12968	ND	<1.00	µg/L
WNW0501	cd_t	12/06/93	93-12968	ND	<2.00	µg/L
WNW0501	co_t	12/06/93	93-12968	N	D<3.00	µg/L
WNW0501	cr_t	12/06/93	93-12968		22.6	µg/L
WNW0501	cu_t	12/06/93	93-12968		5.00	µg/L
WNW0501	cyan_tot	12/06/93	93-12974	ND	<0.003	mg/L R
WNW0501	hg_t	12/06/93	93-12968	ND	<0.150	µg/L
WNW0501	ni_t	12/06/93	93-12968		39.0	µg/L
WNW0501	pb_t	12/06/93	93-12968		2.30	µg/L
WNW0501	sb_t	12/06/93	93-12968		14.9	µg/L
WNW0501	se_t	12/06/93	93-12968	ND	<1.00	µg/L
WNW0501	tl_t	12/06/93	93-12968	ND	<1.00	µg/L UJ
WNW0501	v_t	12/06/93	93-12968		3.10	µg/L
WNW0501	zn_t	12/06/93	93-12968		23.7	µg/L
WNW0501	al_s	12/06/93	93-12969		31.0	µg/L
WNW0501	al_s	12/06/93	93-12969		31.0	µg/L
WNW0501	al_t	12/06/93	93-12968		1680	µg/L
WNW0501	ca_s	12/06/93	93-12969		111000	µg/L
WNW0501	ca_s	12/06/93	93-12969		111000	µg/L
WNW0501	ca_t	12/06/93	93-12968		104000	µg/L
WNW0501	cl	12/06/93	93-12967		161	mg/L
WNW0501	co3	12/06/93	93-12967	ND	<1.00	mg/L
WNW0501	fe_s	12/06/93	93-12969		89.0	µg/L J
WNW0501	fe_s	12/06/93	93-12969		89.0	µg/L J
WNW0501	fe_t	12/06/93	93-12968		2270	µg/L J
WNW0501	hco3	12/06/93	93-12967		302	mg/L
WNW0501	hydroxyl	12/06/93	93-12967	ND	<1.00	mg/L
WNW0501	k_s	12/06/93	93-12969		2110	µg/L
WNW0501	k_t	12/06/93	93-12968		2280	µg/L
WNW0501	mg_s	12/06/93	93-12969		15100	µg/L
WNW0501	mg_s	12/06/93	93-12969		15100	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0501	mg_t	12/06/93	93-12968		14600	µg/L	
WNW0501	mn_s	12/06/93	93-12969		22.7	µg/L	
WNW0501	mn_s	12/06/93	93-12969		22.7	µg/L	
WNW0501	mn_t	12/06/93	93-12968		82.0	µg/L	
WNW0501	na_s	12/06/93	93-12969		52600	µg/L	
WNW0501	na_s	12/06/93	93-12969		52600	µg/L	
WNW0501	na_t	12/06/93	93-12968		48100	µg/L	
WNW0501	na_t	12/06/93	93-12968		48100	µg/L	
WNW0501	nh3	12/06/93	93-12966		2.27	mg/L	
WNW0501	no3no2	12/06/93	93-12966		5.64	mg/L	
WNW0501	po4_totl	12/06/93	93-12966	ND	<0.050	mg/L	
WNW0501	silica	12/06/93	93-12967		12.2	mg/L	J
WNW0501	so4	12/06/93	93-12967		36.3	mg/L	
WNW0501	sulfide	12/06/93	93-12970	ND	<1.00	mg/L	
WNW0501	a_bhc	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	a_chrlrn	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	aldrin	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	b_bhc	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	d_bhc	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	ddd_44	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	dde_44	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	ddt_44	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	dieldrin	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	endos_1	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	endos_2	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	endos_s	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	endrin	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	endrn_al	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	endrn_kt	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	g_bhc	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	g_chlrn	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	hept_clr	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	hept_epx	12/06/93	93-12973	ND	<0.010	µg/L	
WNW0501	meth_xcl	12/06/93	93-12973	ND	<0.100	µg/L	
WNW0501	pcb_1016	12/06/93	93-12973	ND	<0.100	µg/L	
WNW0501	pcb_1221	12/06/93	93-12973	ND	<0.200	µg/L	
WNW0501	pcb_1232	12/06/93	93-12973	ND	<0.100	µg/L	
WNW0501	pcb_1242	12/06/93	93-12973	ND	<0.100	µg/L	
WNW0501	pcb_1248	12/06/93	93-12973	ND	<0.100	µg/L	
WNW0501	pcb_1254	12/06/93	93-12973	ND	<0.100	µg/L	
WNW0501	pcb_1260	12/06/93	93-12973	ND	<0.100	µg/L	
WNW0501	toxaphen	12/06/93	93-12973	ND	<1.00	µg/L	
WNW0501	acnphthe	12/06/93	93-12972	ND	<10.0	µg/L	
WNW0501	acnphthy	12/06/93	93-12972	ND	<10.0	µg/L	

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0501	anthracn	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	bis2ceth	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	bis2cexy	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	bis2clis	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	bis2ehex	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	bnz_a_an	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	bnz_a_py	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	bnz_b_fl	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	bnz_k_fl	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	bnzghipr	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	brppeth4	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	butbnzph	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	carbazol	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	chppeth4	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	chrysene	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	clnapht2	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	clphen_2	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	dbahanth	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	dcb_33	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	dibnzfur	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	diclph24	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	diethyph	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	dimthp24	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	dimthyph	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	dinbutph	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	dinoctph	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	dintrp24	12/06/93	93-12972	ND	< 25.0	µg/L
WNW0501	dintrt24	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	dintrt26	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	dntrcr46	12/06/93	93-12972	ND	< 25.0	µg/L
WNW0501	firanthn	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	fluorene	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	hexclbnz	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	hexclbut	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	hexcleth	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	hexclpen	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	indnpyre	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	isophon	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	m_dclbnz	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	m_ntranl	12/06/93	93-12972	ND	< 25.0	µg/L
WNW0501	mthyph2	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	naphthal	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	nntprphny	12/06/93	93-12972	ND	< 10.0	µg/L
WNW0501	nntprpry	12/06/93	93-12972	ND	< 10.0	µg/L

UJ

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0501	ntrobenz	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	o_cresol	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	o_dclbnz	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	o_ntranl	12/06/93	93-12972	ND	<25.0	µg/L
WNW0501	o_ntrphn	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	p_cresol	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	p_dclbnz	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	p_ntranl	12/06/93	93-12972	ND	<25.0	µg/L
WNW0501	p_ntrphn	12/06/93	93-12972	ND	<25.0	µg/L
WNW0501	pclranil	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	pclrmcrs	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	phenol	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	phnanthr	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	pntclphn	12/06/93	93-12972	ND	<25.0	µg/L
WNW0501	pyrene	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	tciph245	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	tciph246	12/06/93	93-12972	ND	<10.0	µg/L
WNW0501	pH	05/09/94	94-04145	7.40	N/A	
WNW0501	Cond	05/09/94	94-04145	1136	umhos/cm	
WNW0501	NPOC	05/10/94	94-04146	ND	<1.0	mg/L
WNW0501	TOX	05/10/94	94-04146	ND	<10.0	µg/L
WNW0501	acetone	05/09/94	94-04152	13.0	µg/L	R
WNW0501	acnitril	05/09/94	94-04152	ND	<100	µg/L
WNW0501	acrolein	05/09/94	94-04152	ND	<50.0	µg/L
WNW0501	acrynitrl	05/09/94	94-04152	ND	<50.0	µg/L
WNW0501	allylcl	05/09/94	94-04152	ND	<100	µg/L
WNW0501	benzene	05/09/94	94-04152	ND	<0.700	µg/L
WNW0501	br_meth	05/09/94	94-04152	ND	<10.0	µg/L
WNW0501	brdcmeth	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	brform	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	c_13_dcp	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	cci4	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	cl_benz	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	cl_eth	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	cl_form	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	cl_meth	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	cl_prene	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	cs2	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	dbc_meth	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	dbc_prop	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	dbeth_12	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	dca_11	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	dca_12	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	dcdfmeth	05/09/94	94-04152	ND	<5.00	µg/L

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0501	dce_11	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	dcp_12	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	diox_14	05/09/94	94-04152	ND	<150	µg/L R
WNW0501	eth_benz	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	eth_meth	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	hexnone2	05/09/94	94-04152	ND	<10.0	µg/L
WNW0501	ibut_alc	05/09/94	94-04152	ND	<50.0	µg/L
WNW0501	meacryln	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	mek	05/09/94	94-04152	ND	<10.0	µg/L
WNW0501	mene_br	05/09/94	94-04152	ND	<10.0	µg/L
WNW0501	mene_cl	05/09/94	94-04152		4.00	µg/L UJ
WNW0501	meth_i	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	methmeac	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	mibk	05/09/94	94-04152	ND	<10.0	µg/L
WNW0501	picoline	05/09/94	94-04152	ND	<50.0	µg/L
WNW0501	pntcleth	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	propnitl	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	pyridine	05/09/94	94-04152	ND	<50.0	µg/L R
WNW0501	styrene	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	t_12_dce	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	t_13_dcp	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	t_14dc2b	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	tca_111	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	tca_1112	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	tca_112	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	tca_1122	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	tcb_124	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	tcf_meth	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	tcp_123	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	tetcleth	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	toluene	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	triccleth	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	vnyl_ace	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	vnyl_cl	05/09/94	94-04152	ND	<2.00	µg/L
WNW0501	xylene	05/09/94	94-04152	ND	<5.00	µg/L
WNW0501	ag_t	05/09/94	94-04154		2.40	µg/L
WNW0501	as_t	05/09/94	94-04154		1.10	µg/L
WNW0501	ba_t	05/09/94	94-04154		275	µg/L
WNW0501	be_t	05/09/94	94-04154	ND	<1.00	µg/L
WNW0501	cd_t	05/09/94	94-04154	ND	<2.00	µg/L
WNW0501	co_t	05/09/94	94-04154	ND	<3.00	µg/L
WNW0501	cr_t	05/09/94	94-04154		27.3	µg/L
WNW0501	cu_t	05/09/94	94-04154		5.10	µg/L
WNW0501	cyan_tot	05/09/94	94-04156	ND	<5.00	mg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0501	hg_t	05/09/94	94-04154		0.210	µg/L	
WNW0501	ni_t	05/09/94	94-04154		38.5	µg/L	
WNW0501	pb_t	05/09/94	94-04154		10.2	µg/L	J
WNW0501	sb_t	05/09/94	94-04154	ND	<20.0	µg/L	
WNW0501	se_t	05/09/94	94-04154	ND	<1.00	µg/L	
WNW0501	si_s	05/09/94	94-04150		4000	µg/L	
WNW0501	si_t	05/09/94	94-04154		5870	µg/L	
WNW0501	tl_t	05/09/94	94-04154	ND	<1.00	µg/L	UJ
WNW0501	v_t	05/09/94	94-04154		3.10	µg/L	
WNW0501	zn_t	05/09/94	94-04154		15.5	µg/L	
WNW0501	al_s	05/09/94	94-04150		20.0	µg/L	J
WNW0501	al_t	05/09/94	94-04154		1460	µg/L	
WNW0501	ca_s	05/09/94	94-04150		114000	µg/L	
WNW0501	ca_t	05/09/94	94-04154		119000	µg/L	
WNW0501	cl	05/09/94	94-04149		168	mg/L	
WNW0501	co3	05/09/94	94-04149		108	mg/L	
WNW0501	fe_s	05/09/94	94-04150		129	µg/L	
WNW0501	fe_t	05/09/94	94-04154		3020	µg/L	
WNW0501	hco3	05/09/94	94-04149	ND	<1.00	mg/L	
WNW0501	hydroxyl	05/09/94	94-04149	ND	<1.00	mg/L	
WNW0501	k_s	05/09/94	94-04150		2120	µg/L	
WNW0501	k_t	05/09/94	94-04154		2540	µg/L	
WNW0501	mg_s	05/09/94	94-04150		15200	µg/L	
WNW0501	mg_t	05/09/94	94-04154		16400	µg/L	
WNW0501	mn_s	05/09/94	94-04150		23.4	µg/L	
WNW0501	mn_t	05/09/94	94-04154		77.0	µg/L	
WNW0501	na_s	05/09/94	94-04150		51900	µg/L	
WNW0501	na_t	05/09/94	94-04154		53300	µg/L	
WNW0501	nh3	05/09/94	94-04148	ND	<0.030	mg/L	R
WNW0501	no3no2	05/09/94	94-04148		4.54	mg/L	
WNW0501	po4_totl	05/09/94	94-04148	ND	<0.050	mg/L	R
WNW0501	so4	05/09/94	94-04149		28.5	mg/L	
WNW0501	sulfide	05/09/94	94-04151	ND	<1.00	mg/L	
WNW0501	a_bhc	05/09/94	94-04155	ND	<0.005	µg/L	
WNW0501	a_chrlrn	05/09/94	94-04155	ND	<0.000	µg/L	
WNW0501	aldrin	05/09/94	94-04155	ND	<0.000	µg/L	
WNW0501	b_bhc	05/09/94	94-04155	ND	<0.000	µg/L	
WNW0501	d_bhc	05/09/94	94-04155	ND	<0.000	µg/L	
WNW0501	ddd_44	05/09/94	94-04155	ND	<0.010	µg/L	
WNW0501	dde_44	05/09/94	94-04155	ND	<0.010	µg/L	
WNW0501	ddt_44	05/09/94	94-04155	ND	<0.010	µg/L	
WNW0501	dieldrin	05/09/94	94-04155	ND	<0.010	µg/L	
WNW0501	endos_1	05/09/94	94-04155	ND	<0.000	µg/L	
WNW0501	endos_2	05/09/94	94-04155	ND	<0.010	µg/L	

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0501	endos_s	05/09/94	94-04155	ND	<0.010	µg/L
WNW0501	endrin	05/09/94	94-04155	ND	<0.010	µg/L
WNW0501	endrn_al	05/09/94	94-04155	ND	<0.010	µg/L
WNW0501	endrn_kt	05/09/94	94-04155	ND	<0.010	µg/L
WNW0501	g_bhc	05/09/94	94-04155	ND	<0.005	µg/L
WNW0501	g_chlrn	05/09/94	94-04155	ND	<0.000	µg/L
WNW0501	hept_clr	05/09/94	94-04155	ND	<0.005	µg/L
WNW0501	hept_epx	05/09/94	94-04155	ND	<0.000	µg/L
WNW0501	meth_xcl	05/09/94	94-04155	ND	<0.000	µg/L
WNW0501	pcb_1016	05/09/94	94-04155	ND	<0.100	µg/L
WNW0501	pcb_1221	05/09/94	94-04155	ND	<0.200	µg/L
WNW0501	pcb_1232	05/09/94	94-04155	ND	<0.100	µg/L
WNW0501	pcb_1242	05/09/94	94-04155	ND	<0.100	µg/L
WNW0501	pcb_1248	05/09/94	94-04155	ND	<0.100	µg/L
WNW0501	pcb_1254	05/09/94	94-04155	ND	<0.100	µg/L
WNW0501	pcb_1260	05/09/94	94-04155	ND	<0.100	µg/L
WNW0501	toxaphen	05/09/94	94-04155	ND	<0.500	µg/L
WNW0501	acnphthe	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	acnphthy	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	anthracn	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	bis2ceth	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	bis2cexy	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	bis2clis	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	bis2ehex	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	bnz_a_an	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	bnz_a_py	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	bnz_b_fl	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	bnz_k_fl	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	bnzghipr	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	brppeth4	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	butbnzph	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	carbazol	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	chppeth4	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	chrysene	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	clnaph2	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	clphen_2	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	dbahanth	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	dcb_33	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	dibnzfur	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	diclph24	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	diethyph	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	dimthp24	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	dimthyph	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	dinbutph	05/09/94	94-04153	ND	<9.9	µg/L

UJ

UJ

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0501	dinoctph	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	dintrp24	05/09/94	94-04153	ND	<25.0	µg/L
WNW0501	dintrt24	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	dintrt26	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	dntrcr46	05/09/94	94-04153	ND	<25.0	µg/L UJ
WNW0501	flranthn	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	fluorene	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	hexclbnz	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	hexclbut	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	hexcleth	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	hexclpen	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	indnpyre	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	isophron	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	m_dclbnz	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	m_ntranl	05/09/94	94-04153	ND	<25.0	µg/L
WNW0501	mthynph2	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	naphthal	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	nantrphny	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	nantrprpy	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	ntrobenz	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	o_cresol	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	o_dclbnz	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	o_ntranl	05/09/94	94-04153	ND	<25.0	µg/L
WNW0501	o_ntrphn	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	p_cresol	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	p_dclbnz	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	p_ntranl	05/09/94	94-04153	ND	<25.0	µg/L
WNW0501	p_ntrphn	05/09/94	94-04153	ND	<25.0	µg/L
WNW0501	pclranil	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	pclrmcrs	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	phenol	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	phananthr	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	pntclphn	05/09/94	94-04153	ND	<25.0	µg/L
WNW0501	pyrene	05/09/94	94-04153	ND	<9.9	µg/L UJ
WNW0501	tc1ph245	05/09/94	94-04153	ND	<9.9	µg/L
WNW0501	tc1ph246	05/09/94	94-04153	ND	<9.9	µg/L
WNW0601	acetone	11/11/93	93-12055	ND	<10.0	µg/L UJ
WNW0601	acetone	05/16/94	94-03913	ND	<10.0	µg/L UJ
WNW0601	benzene	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	benzene	05/16/94	94-03913	ND	<0.700	µg/L
WNW0601	br_meth	11/11/93	93-12055	ND	<10.0	µg/L UJ
WNW0601	br_meth	05/16/94	94-03913	ND	<10.0	µg/L
WNW0601	brdcmeth	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	brdcmeth	05/16/94	94-03913	ND	<5.00	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0601	brform	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	brform	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	c_13_dcp	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	c_13_dcp	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	ccl4	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	ccl4	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	cl_benz	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	cl_benz	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	cl_eth	11/11/93	93-12055	ND	<10.0	µg/L
WNW0601	cl_eth	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	cl_form	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	cl_form	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	cl_meth	11/11/93	93-12055	ND	<10.0	µg/L
WNW0601	cl_meth	05/16/94	94-03913	ND	<5.00	µg/L UJ
WNW0601	cs2	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	cs2	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	dbc_meth	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	dbc_meth	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	dca_11	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	dca_11	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	dca_12	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	dca_12	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	dce_11	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	dce_11	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	dce_12_t	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	dce_12_t	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	dcp_12	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	dcp_12	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	eth_benz	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	eth_benz	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	hexnone2	11/11/93	93-12055	ND	<10.0	µg/L UJ
WNW0601	hexnone2	05/16/94	94-03913	ND	<10.0	µg/L
WNW0601	mek	11/11/93	93-12055	ND	<10.0	µg/L
WNW0601	mek	05/16/94	94-03913	ND	<10.0	µg/L
WNW0601	mene_cl	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	mene_cl	05/16/94	94-03913		5.00	µg/L UJ
WNW0601	mibk	11/11/93	93-12055	ND	<10.0	µg/L UJ
WNW0601	mibk	05/16/94	94-03913	ND	<10.0	µg/L
WNW0601	styrene	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	styrene	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	t_13_dcp	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	t_13_dcp	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	tca_111	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	tca_111	05/16/94	94-03913	ND	<5.00	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0601	tca_112	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	tca_112	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	tca_1122	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	tca_1122	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	tcb_124	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	tcb_124	05/16/94	94-03914	ND	<10.0	µg/L
WNW0601	tetcleth	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	tetcleth	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	toluene	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	toluene	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	tricleth	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	tricleth	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	vnyl_cl	11/11/93	93-12055	ND	<10.0	µg/L
WNW0601	vnyl_cl	05/16/94	94-03913	ND	<2.00	µg/L
WNW0601	xylene	11/11/93	93-12055	ND	<5.00	µg/L
WNW0601	xylene	05/16/94	94-03913	ND	<5.00	µg/L
WNW0601	ag_t	11/11/93	93-12052	ND	<0.200	µg/L
WNW0601	ag_t	05/16/94	94-03915	ND	<0.600	µg/L
WNW0601	as_t	11/11/93	93-12052	ND	<3.00	µg/L
WNW0601	as_t	05/16/94	94-03915	ND	<3.00	µg/L
WNW0601	b_t	11/11/93	93-12052	ND	<100	µg/L
WNW0601	ba_t	11/11/93	93-12052		83.1	µg/L
WNW0601	ba_t	05/16/94	94-03915		63.0	µg/L
WNW0601	be_t	11/11/93	93-12052	ND	<3.00	µg/L
WNW0601	be_t	05/16/94	94-03915	ND	<3.00	µg/L
WNW0601	cd_t	11/11/93	93-12052		0.200	µg/L
WNW0601	cd_t	05/16/94	94-03915	ND	<0.200	µg/L
WNW0601	co_t	11/11/93	93-12052	ND	<20.0	µg/L
WNW0601	co_t	05/16/94	94-03915	ND	<10.0	µg/L
WNW0601	cr_t	11/11/93	93-12052		692	µg/L
WNW0601	cr_t	05/16/94	94-03915		286	µg/L
WNW0601	cu_t	11/11/93	93-12052		19.8	µg/L
WNW0601	cu_t	05/16/94	94-03915		10.0	µg/L
WNW0601	cyan_tot	11/11/93	93-12058	ND	<0.010	mg/L
WNW0601	cyan_tot	05/16/94	94-03917	ND	<10.0	mg/L
WNW0601	hg_t	11/11/93	93-12052	ND	<0.200	µg/L
WNW0601	hg_t	05/16/94	94-03915	ND	<0.200	µg/L
WNW0601	ni_t	11/11/93	93-12052		533	µg/L
WNW0601	ni_t	05/16/94	94-03915		64.6	µg/L
WNW0601	pb_t	11/11/93	93-12052		16.0	µg/L
WNW0601	pb_t	05/16/94	94-03915	ND	<2.00	µg/L
WNW0601	sb_t	11/11/93	93-12052	ND	<3.00	µg/L
WNW0601	sb_t	05/16/94	94-03915	ND	<6.00	µg/L
WNW0601	se_t	11/11/93	93-12052	ND	<3.00	µg/L

UJ

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0601	se_t	05/16/94	94-03915	ND	<3.00	µg/L	
WNW0601	tl_t	11/11/93	93-12052	ND	<3.00	µg/L	
WNW0601	tl_t	05/16/94	94-03915	ND	<3.00	µg/L	
WNW0601	v_t	11/11/93	93-12052	ND	<20.0	µg/L	
WNW0601	v_t	05/16/94	94-03915	ND	<10.0	µg/L	
WNW0601	zn_t	11/11/93	93-12052		59.3	µg/L	
WNW0601	zn_t	05/16/94	94-03915		13.6	µg/L	
WNW0601	al_s	11/11/93	93-12053		614	µg/L	
WNW0601	al_s	11/11/93	93-12053		614	µg/L	
WNW0601	al_s	05/16/94	94-03911		174	µg/L	
WNW0601	al_t	11/11/93	93-12052		10400	µg/L	
WNW0601	al_t	05/16/94	94-03915		610	µg/L	
WNW0601	ca_s	11/11/93	93-12053		61900	µg/L	
WNW0601	ca_s	11/11/93	93-12053		61900	µg/L	
WNW0601	ca_s	05/16/94	94-03911		72700	µg/L	
WNW0601	ca_t	11/11/93	93-12052		57900	µg/L	
WNW0601	ca_t	05/16/94	94-03915		73800	µg/L	
WNW0601	cl	11/11/93	93-12051		41.9	mg/L	
WNW0601	cl	05/16/94	94-03910		119	mg/L	
WNW0601	co3	11/11/93	93-12051	ND	<1.00	mg/L	
WNW0601	co3	05/16/94	94-03910	ND	<1.00	mg/L	
WNW0601	fe_s	11/11/93	93-12053		1270	µg/L	
WNW0601	fe_s	11/11/93	93-12053		1270	µg/L	
WNW0601	fe_s	05/16/94	94-03911		151	µg/L	
WNW0601	fe_t	11/11/93	93-12052		23500	µg/L	
WNW0601	fe_t	05/16/94	94-03915		1820	µg/L	
WNW0601	hco3	11/11/93	93-12051		104	mg/L	
WNW0601	hco3	05/16/94	94-03910		99.0	mg/L	
WNW0601	hydroxyl	11/11/93	93-12051	ND	<1.00	mg/L	
WNW0601	hydroxyl	05/16/94	94-03910	ND	<1.00	mg/L	
WNW0601	k_s	11/11/93	93-12053		1150	µg/L	
WNW0601	k_s	05/16/94	94-03911		1030	µg/L	
WNW0601	k_t	11/11/93	93-12052		2560	µg/L	
WNW0601	k_t	05/16/94	94-03915		1280	µg/L	
WNW0601	mg_s	11/11/93	93-12053		8330	µg/L	
WNW0601	mg_s	11/11/93	93-12053		8330	µg/L	
WNW0601	mg_s	05/16/94	94-03911		9510	µg/L	
WNW0601	mg_t	11/11/93	93-12052		9020	µg/L	
WNW0601	mg_t	05/16/94	94-03915		10000	µg/L	
WNW0601	mn_s	11/11/93	93-12053		65.3	µg/L	
WNW0601	mn_s	11/11/93	93-12053		65.3	µg/L	
WNW0601	mn_s	05/16/94	94-03911		5.20	µg/L	
WNW0601	mn_t	11/11/93	93-12052		508	µg/L	
WNW0601	mn_t	05/16/94	94-03915		28.0	µg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0601	na_s	11/11/93	93-12053		24700	µg/L	
WNW0601	na_s	11/11/93	93-12053		24700	µg/L	
WNW0601	na_s	05/16/94	94-03911		49900	µg/L	
WNW0601	na_t	11/11/93	93-12052		23900	µg/L	
WNW0601	na_t	11/11/93	93-12052		23900	µg/L	
WNW0601	na_t	05/16/94	94-03915		49800	µg/L	
WNW0601	nh3	11/11/93	93-12048	ND	<0.050	mg/L	
WNW0601	nh3	05/16/94	94-03907	ND	<0.050	mg/L	
WNW0601	no3no2	11/11/93	93-12050		0.150	mg/L	
WNW0601	no3no2	05/16/94	94-03909		0.076	mg/L	
WNW0601	po4_totl	11/11/93	93-12050		0.390	mg/L	
WNW0601	po4_totl	05/16/94	94-03909		0.040	mg/L	
WNW0601	silica	11/11/93	93-12051		3.00	mg/L	
WNW0601	silica	05/16/94	94-03910		5.40	mg/L	
WNW0601	so4	11/11/93	93-12051		129	mg/L	
WNW0601	so4	05/16/94	94-03910		52.7	mg/L	
WNW0601	sulfide	11/11/93	93-12054	ND	<1.00	mg/L	
WNW0601	sulfide	05/16/94	94-03912	ND	<1.00	mg/L	
WNW0601	a_bhc	11/11/93	93-12057	ND	<0.050	µg/L	UJ
WNW0601	a_bhc	05/16/94	94-03916	ND	<0.052	µg/L	UJ
WNW0601	a_chrlidn	11/11/93	93-12057	ND	<0.500	µg/L	
WNW0601	a_chrlidn	05/16/94	94-03916	ND	<0.520	µg/L	
WNW0601	aldrin	11/11/93	93-12057	ND	<0.050	µg/L	
WNW0601	aldrin	05/16/94	94-03916	ND	<0.050	µg/L	
WNW0601	b_bhc	11/11/93	93-12057	ND	<0.050	µg/L	
WNW0601	b_bhc	05/16/94	94-03916	ND	<0.050	µg/L	
WNW0601	d_bhc	11/11/93	93-12057	ND	<0.050	µg/L	UJ
WNW0601	d_bhc	05/16/94	94-03916	ND	<0.050	µg/L	UJ
WNW0601	ddd_44	11/11/93	93-12057	ND	<0.100	µg/L	
WNW0601	ddd_44	05/16/94	94-03916	ND	<0.100	µg/L	
WNW0601	dde_44	11/11/93	93-12057	ND	<0.100	µg/L	
WNW0601	dde_44	05/16/94	94-03916	ND	<0.100	µg/L	
WNW0601	ddt_44	11/11/93	93-12057	ND	<0.100	µg/L	
WNW0601	ddt_44	05/16/94	94-03916	ND	<0.100	µg/L	UJ
WNW0601	dieldrin	11/11/93	93-12057	ND	<0.100	µg/L	
WNW0601	dieldrin	05/16/94	94-03916	ND	<0.100	µg/L	
WNW0601	endos_1	11/11/93	93-12057	ND	<0.100	µg/L	
WNW0601	endos_1	05/16/94	94-03916	ND	<0.100	µg/L	
WNW0601	endos_2	11/11/93	93-12057	ND	<0.100	µg/L	
WNW0601	endos_2	05/16/94	94-03916	ND	<0.100	µg/L	UJ
WNW0601	endos_s	11/11/93	93-12057	ND	<0.100	µg/L	
WNW0601	endos_s	05/16/94	94-03916	ND	<0.100	µg/L	
WNW0601	endrin	11/11/93	93-12057	ND	<0.100	µg/L	
WNW0601	endrin	05/16/94	94-03916	ND	<0.100	µg/L	UJ

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0601	endrn_al	05/16/94	94-03916	ND	<0.100	µg/L
WNW0601	endrn_kt	11/11/93	93-12057	ND	<0.100	µg/L
WNW0601	endrn_kt	05/16/94	94-03916	ND	<0.100	µg/L UJ
WNW0601	g_bhc	11/11/93	93-12057	ND	<0.050	µg/L UJ
WNW0601	g_bhc	05/16/94	94-03916	ND	<0.052	µg/L
WNW0601	g_chlrdn	11/11/93	93-12057	ND	<1.00	µg/L UJ
WNW0601	g_chlrdn	05/16/94	94-03916	ND	<0.520	µg/L
WNW0601	hept_clr	11/11/93	93-12057	ND	<0.050	µg/L
WNW0601	hept_clr	05/16/94	94-03916	ND	<0.052	µg/L UJ
WNW0601	hept_epx	11/11/93	93-12057	ND	<0.050	µg/L
WNW0601	hept_epx	05/16/94	94-03916	ND	<0.050	µg/L
WNW0601	meth_xcl	11/11/93	93-12057	ND	<0.500	µg/L
WNW0601	meth_xcl	05/16/94	94-03916	ND	<0.500	µg/L UJ
WNW0601	pcb_1016	11/11/93	93-12057	ND	<0.500	µg/L
WNW0601	pcb_1016	05/16/94	94-03916	ND	<0.500	µg/L
WNW0601	pcb_1221	11/11/93	93-12057	ND	<1.00	µg/L
WNW0601	pcb_1221	05/16/94	94-03916	ND	<1.00	µg/L
WNW0601	pcb_1232	11/11/93	93-12057	ND	<0.500	µg/L
WNW0601	pcb_1232	05/16/94	94-03916	ND	<0.500	µg/L
WNW0601	pcb_1242	11/11/93	93-12057	ND	<0.500	µg/L
WNW0601	pcb_1242	05/16/94	94-03916	ND	<0.500	µg/L
WNW0601	pcb_1248	11/11/93	93-12057	ND	<0.500	µg/L
WNW0601	pcb_1248	05/16/94	94-03916	ND	<0.500	µg/L
WNW0601	pcb_1254	11/11/93	93-12057	ND	<0.500	µg/L
WNW0601	pcb_1254	05/16/94	94-03916	ND	<0.500	µg/L
WNW0601	pcb_1260	11/11/93	93-12057	ND	<0.500	µg/L
WNW0601	pcb_1260	05/16/94	94-03916	ND	<0.500	µg/L
WNW0601	toxaphen	11/11/93	93-12057	ND	<1.00	µg/L UJ
WNW0601	toxaphen	05/16/94	94-03916	ND	<1.00	µg/L UJ
WNW0601	acnphthe	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	acnphthe	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	acnphthy	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	acnphthy	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	anthracn	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	anthracn	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	bis2ceth	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	bis2ceth	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	bis2cexy	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	bis2cexy	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	bis2clis	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	bis2clis	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	bis2ehex	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	bis2ehex	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	bnz_a_an	11/11/93	93-12056	ND	<10.0	µg/L

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0601	bnz_a_an	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	bnz_a_py	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	bnz_a_py	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	bnz_b_fl	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	bnz_b_fl	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	bnz_k_fl	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	bnz_k_fl	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	bnzghipr	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	bnzghipr	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	brppeth4	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	brppeth4	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	butbnzph	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	butbnzph	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	carbazol	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	carbazol	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	chppeth4	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	chppeth4	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	chrysene	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	chrysene	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	clnaph2	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	clnaph2	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	clphen_2	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	clphen_2	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	dbahanth	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	dbahanth	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	dcb_33	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	dcb_33	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	dibnzfur	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	dibnzfur	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	diclph24	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	diclph24	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	diethyph	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	diethyph	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	dimthp24	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	dimthp24	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	dimthyph	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	dimthyph	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	dinbutph	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	dinbutph	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	dinoctph	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	dinoctph	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	dintrp24	11/11/93	93-12056	ND	<50.0	µg/L	
WNW0601	dintrp24	05/16/94	94-03914	ND	<50.0	µg/L	UJ
WNW0601	dintrt24	11/11/93	93-12056	ND	<10.0	µg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0601	dintrt24	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	dintrt26	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	dintrt26	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	dntcr46	11/11/93	93-12056	ND	<50.0	µg/L
WNW0601	dntcr46	05/16/94	94-03914	ND	<50.0	µg/L UJ
WNW0601	flranthn	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	flranthn	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	fluorene	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	fluorene	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	hexclbnz	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	hexclbnz	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	hexclbut	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	hexclbut	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	hexcleth	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	hexcleth	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	hexclpen	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	hexclpen	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	indnpyre	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	indnpyre	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	isophron	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	isophron	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	m_dclbnz	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	m_dclbnz	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	m_ntranl	11/11/93	93-12056	ND	<50.0	µg/L
WNW0601	m_ntranl	05/16/94	94-03914	ND	<50.0	µg/L UJ
WNW0601	mthynph2	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	mthynph2	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	naphthal	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	naphthal	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	nnttrphny	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	nnttrphny	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	nnttrprpy	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	nnttrprpy	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	ntrobenz	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	ntrobenz	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	o_cresol	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	o_cresol	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	o_dclbnz	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	o_dclbnz	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	o_ntranl	11/11/93	93-12056	ND	<50.0	µg/L
WNW0601	o_ntranl	05/16/94	94-03914	ND	<50.0	µg/L UJ
WNW0601	o_ntrphn	11/11/93	93-12056	ND	<10.0	µg/L
WNW0601	o_ntrphn	05/16/94	94-03914	ND	<10.0	µg/L UJ
WNW0601	p_cresol	11/11/93	93-12056	ND	<10.0	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0601	p_cresol	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	p_dclbnz	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	p_dclbnz	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	p_ntranl	11/11/93	93-12056	ND	<50.0	µg/L	
WNW0601	p_ntranl	05/16/94	94-03914	ND	<50.0	µg/L	UJ
WNW0601	p_ntrphn	11/11/93	93-12056	ND	<50.0	µg/L	
WNW0601	p_ntrphn	05/16/94	94-03914	ND	<50.0	µg/L	UJ
WNW0601	pclranil	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	pclranil	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	pclrmcrs	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	pclrmcrs	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	phenol	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	phenol	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	phnanthr	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	phnanthr	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	pntclphn	11/11/93	93-12056	ND	<50.0	µg/L	
WNW0601	pntclphn	05/16/94	94-03914	ND	<50.0	µg/L	UJ
WNW0601	pyrene	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	pyrene	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	tlph245	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	tlph245	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0601	tlph246	11/11/93	93-12056	ND	<10.0	µg/L	
WNW0601	tlph246	05/16/94	94-03914	ND	<10.0	µg/L	UJ
WNW0602	acetone	11/11/93	93-12071	ND	<10.0	µg/L	UJ
WNW0602	acetone	05/18/94	94-03930	ND	<10.0	µg/L	
WNW0602	benzene	11/11/93	93-12071	ND	<5.00	µg/L	
WNW0602	benzene	05/18/94	94-03930	ND	<0.700	µg/L	
WNW0602	br_meth	11/11/93	93-12071	ND	<10.0	µg/L	UJ
WNW0602	br_meth	05/18/94	94-03930	ND	<10.0	µg/L	
WNW0602	brdcmeth	11/11/93	93-12071	ND	<5.00	µg/L	
WNW0602	brdcmeth	05/18/94	94-03930	ND	<5.00	µg/L	
WNW0602	brform	11/11/93	93-12071	ND	<5.00	µg/L	
WNW0602	brform	05/18/94	94-03930	ND	<5.00	µg/L	
WNW0602	c_13_dcp	11/11/93	93-12071	ND	<5.00	µg/L	
WNW0602	c_13_dcp	05/18/94	94-03930	ND	<5.00	µg/L	
WNW0602	ccl4	11/11/93	93-12071	ND	<5.00	µg/L	
WNW0602	ccl4	05/18/94	94-03930	ND	<5.00	µg/L	
WNW0602	cl_benz	11/11/93	93-12071	ND	<5.00	µg/L	
WNW0602	cl_benz	05/18/94	94-03930	ND	<5.00	µg/L	
WNW0602	cl_eth	11/11/93	93-12071	ND	<10.0	µg/L	
WNW0602	cl_eth	05/18/94	94-03930	ND	<5.00	µg/L	
WNW0602	cl_form	11/11/93	93-12071	ND	<5.00	µg/L	
WNW0602	cl_form	05/18/94	94-03930	ND	<5.00	µg/L	
WNW0602	cl_meth	11/11/93	93-12071	ND	<10.0	µg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0602	cl_meth	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	cs2	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	cs2	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	dbc_meth	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	dbc_meth	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	dca_11	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	dca_11	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	dca_12	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	dca_12	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	dce_11	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	dce_11	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	dce_12_t	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	dce_12_t	05/18/94	94-03930	ND	<5.00	µg/L UJ
WNW0602	dcp_12	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	dcp_12	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	eth_benz	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	eth_benz	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	hexnone2	11/11/93	93-12071	ND	<10.0	µg/L UJ
WNW0602	hexnone2	05/18/94	94-03930	ND	<10.0	µg/L
WNW0602	mek	11/11/93	93-12071	ND	<10.0	µg/L
WNW0602	mek	05/18/94	94-03930	ND	<10.0	µg/L
WNW0602	mene_cl	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	mene_cl	05/18/94	94-03930	ND	<5.00	µg/L UJ
WNW0602	mibk	11/11/93	93-12071	ND	<10.0	µg/L UJ
WNW0602	mibk	05/18/94	94-03930	ND	<10.0	µg/L
WNW0602	styrene	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	styrene	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	t_13_dcp	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	t_13_dcp	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	tca_111	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	tca_111	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	tca_112	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	tca_112	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	tca_1122	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	tca_1122	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	tcb_124	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	tcb_124	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	tetcleth	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	tetcleth	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	toluene	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	toluene	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	triclath	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	triclath	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	vnvl_cl	11/11/93	93-12071	ND	<10.0	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0602	vnvl_cl	05/18/94	94-03930	ND	<2.00	µg/L
WNW0602	xylene	11/11/93	93-12071	ND	<5.00	µg/L
WNW0602	xylene	05/18/94	94-03930	ND	<5.00	µg/L
WNW0602	ag_t	11/11/93	93-12068	ND	<0.200	µg/L
WNW0602	ag_t	05/18/94	94-03932	ND	<0.300	µg/L
WNW0602	as_t	11/11/93	93-12068	ND	<3.00	µg/L
WNW0602	as_t	05/18/94	94-03932	ND	<3.00	µg/L
WNW0602	b_t	11/11/93	93-12068	ND	<100	µg/L
WNW0602	ba_t	11/11/93	93-12068		158	µg/L
WNW0602	ba_t	05/18/94	94-03932		232	µg/L
WNW0602	be_t	11/11/93	93-12068	ND	<3.00	µg/L
WNW0602	be_t	05/18/94	94-03932	ND	<3.00	µg/L
WNW0602	cd_t	11/11/93	93-12068		0.200	µg/L
WNW0602	cd_t	05/18/94	94-03932	ND	<0.200	µg/L
WNW0602	co_t	11/11/93	93-12068	ND	<20.0	µg/L
WNW0602	co_t	05/18/94	94-03932		13.0	µg/L
WNW0602	cr_t	11/11/93	93-12068		33.0	µg/L
WNW0602	cr_t	05/18/94	94-03932		188	µg/L
WNW0602	cu_t	11/11/93	93-12068	ND	<10.0	µg/L
WNW0602	cu_t	05/18/94	94-03932		18.0	µg/L
WNW0602	cyan_tot	11/11/93	93-12074	ND	<0.010	mg/L
WNW0602	cyan_tot	05/18/94	94-03934	ND	<10.0	mg/L
WNW0602	hg_t	11/11/93	93-12068	ND	<0.200	µg/L
WNW0602	hg_t	05/18/94	94-03932	ND	<0.200	µg/L
WNW0602	ni_t	11/11/93	93-12068		59.0	µg/L
WNW0602	ni_t	05/18/94	94-03932		108	µg/L
WNW0602	pb_t	11/11/93	93-12068		3.00	µg/L
WNW0602	pb_t	05/18/94	94-03932	ND	<2.00	µg/L
WNW0602	sb_t	11/11/93	93-12068	ND	<3.00	µg/L
WNW0602	sb_t	05/18/94	94-03932	ND	<6.00	µg/L
WNW0602	se_t	11/11/93	93-12068	ND	<3.00	µg/L
WNW0602	se_t	05/18/94	94-03932	ND	<3.00	µg/L
WNW0602	tl_t	11/11/93	93-12068	ND	<3.00	µg/L
WNW0602	tl_t	05/18/94	94-03932	ND	<5.00	µg/L
WNW0602	v_t	11/11/93	93-12068	ND	<20.0	µg/L
WNW0602	v_t	05/18/94	94-03932		10.0	µg/L
WNW0602	zn_t	11/11/93	93-12068		19.4	µg/L
WNW0602	zn_t	05/18/94	94-03932		436	µg/L
WNW0602	al_s	11/11/93	93-12069		252	µg/L
WNW0602	al_s	11/11/93	93-12069		252	µg/L
WNW0602	al_s	05/18/94	94-03928		1720	µg/L
WNW0602	al_t	11/11/93	93-12068		2480	µg/L
WNW0602	al_t	05/18/94	94-03932		5710	µg/L
WNW0602	ca_s	11/11/93	93-12069		114000	µg/L

UJ

J

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0602	ca_s	11/11/93	93-12069		114000	µg/L	
WNW0602	ca_s	05/18/94	94-03928		119000	µg/L	
WNW0602	ca_t	11/11/93	93-12068		104000	µg/L	
WNW0602	ca_t	05/18/94	94-03932		133000	µg/L	
WNW0602	cl	11/11/93	93-12067		106	mg/L	
WNW0602	cl	05/18/94	94-03927		216	mg/L	
WNW0602	co3	11/11/93	93-12067	ND	<1.00	mg/L	
WNW0602	co3	05/18/94	94-03927	ND	<1.00	mg/L	
WNW0602	fe_s	11/11/93	93-12069		189	µg/L	
WNW0602	fe_s	11/11/93	93-12069		189	µg/L	
WNW0602	fe_s	05/18/94	94-03928		1230	µg/L	
WNW0602	fe_t	11/11/93	93-12068		4370	µg/L	
WNW0602	fe_t	05/18/94	94-03932		10400	µg/L	J
WNW0602	hco3	11/11/93	93-12067		113	mg/L	
WNW0602	hco3	05/18/94	94-03927		183	mg/L	
WNW0602	hydroxyl	11/11/93	93-12067	ND	<1.00	mg/L	
WNW0602	hydroxyl	05/18/94	94-03927	ND	<1.00	mg/L	
WNW0602	k_s	11/11/93	93-12069		2040	µg/L	
WNW0602	k_s	05/18/94	94-03928		2370	µg/L	
WNW0602	k_t	11/11/93	93-12068		2120	µg/L	
WNW0602	k_t	05/18/94	94-03932		3080	µg/L	
WNW0602	mg_s	11/11/93	93-12069		13200	µg/L	
WNW0602	mg_s	11/11/93	93-12069		13200	µg/L	
WNW0602	mg_s	05/18/94	94-03928		13400	µg/L	
WNW0602	mg_t	11/11/93	93-12068		12700	µg/L	
WNW0602	mg_t	05/18/94	94-03932		14500	µg/L	
WNW0602	mn_s	11/11/93	93-12069		4540	µg/L	
WNW0602	mn_s	11/11/93	93-12069		4540	µg/L	
WNW0602	mn_s	05/18/94	94-03928		4890	µg/L	J
WNW0602	mn_t	11/11/93	93-12068		5150	µg/L	
WNW0602	mn_t	05/18/94	94-03932		7630	µg/L	J
WNW0602	na_s	11/11/93	93-12069		56100	µg/L	
WNW0602	na_s	11/11/93	93-12069		56100	µg/L	
WNW0602	na_s	05/18/94	94-03928		99200	µg/L	J
WNW0602	na_t	11/11/93	93-12068		54500	µg/L	
WNW0602	na_t	11/11/93	93-12068		54500	µg/L	
WNW0602	na_t	05/18/94	94-03932		97500	µg/L	J
WNW0602	nh3	11/11/93	93-12064		0.080	mg/L	
WNW0602	nh3	05/18/94	94-03923		0.120	mg/L	
WNW0602	no3no2	11/11/93	93-12066	ND	<0.050	mg/L	
WNW0602	no3no2	05/18/94	94-03926	ND	<0.050	mg/L	
WNW0602	po4_totl	11/11/93	93-12066	ND	<0.050	mg/L	
WNW0602	po4_totl	05/18/94	94-03926		0.150	mg/L	
WNW0602	silica	11/11/93	93-12067		5.80	mg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0602	silica	05/18/94	94-03927		33.7	mg/L	
WNW0602	so4	11/11/93	93-12067		42.8	mg/L	
WNW0602	so4	05/18/94	94-03927		40.3	mg/L	
WNW0602	sulfide	11/11/93	93-12070	ND	<1.00	mg/L	
WNW0602	sulfide	05/18/94	94-03929	ND	<1.00	mg/L	
WNW0602	a_bhc	11/11/93	93-12073	ND	<0.050	µg/L	UJ
WNW0602	a_bhc	05/18/94	94-03933	ND	<0.052	µg/L	
WNW0602	a_chlrdn	11/11/93	93-12073	ND	<0.500	µg/L	
WNW0602	a_chlrdn	05/18/94	94-03933	ND	<0.520	µg/L	
WNW0602	aldrin	11/11/93	93-12073	ND	<0.050	µg/L	
WNW0602	aldrin	05/18/94	94-03933	ND	<0.050	µg/L	
WNW0602	b_bhc	11/11/93	93-12073	ND	<0.050	µg/L	
WNW0602	b_bhc	05/18/94	94-03933	ND	<0.050	µg/L	
WNW0602	d_bhc	11/11/93	93-12073	ND	<0.050	µg/L	UJ
WNW0602	d_bhc	05/18/94	94-03933	ND	<0.050	µg/L	
WNW0602	ddd_44	11/11/93	93-12073	ND	<0.100	µg/L	
WNW0602	ddd_44	05/18/94	94-03933	ND	<0.100	µg/L	
WNW0602	dde_44	11/11/93	93-12073	ND	<0.100	µg/L	
WNW0602	dde_44	05/18/94	94-03933	ND	<0.100	µg/L	
WNW0602	ddt_44	11/11/93	93-12073	ND	<0.100	µg/L	
WNW0602	ddt_44	05/18/94	94-03933	ND	<0.100	µg/L	
WNW0602	dieldrin	11/11/93	93-12073	ND	<0.100	µg/L	
WNW0602	dieldrin	05/18/94	94-03933	ND	<0.100	µg/L	
WNW0602	endos_1	11/11/93	93-12073	ND	<0.100	µg/L	
WNW0602	endos_1	05/18/94	94-03933	ND	<0.100	µg/L	
WNW0602	endos_2	11/11/93	93-12073	ND	<0.100	µg/L	
WNW0602	endos_2	05/18/94	94-03933	ND	<0.100	µg/L	
WNW0602	endos_s	11/11/93	93-12073	ND	<0.100	µg/L	
WNW0602	endos_s	05/18/94	94-03933	ND	<0.100	µg/L	
WNW0602	endrin	11/11/93	93-12073	ND	<0.100	µg/L	
WNW0602	endrin	05/18/94	94-03933	ND	<0.100	µg/L	
WNW0602	endrn_al	05/18/94	94-03933	ND	<0.100	µg/L	
WNW0602	endrn_kt	11/11/93	93-12073	ND	<0.100	µg/L	
WNW0602	endrn_kt	05/18/94	94-03933	ND	<0.100	µg/L	
WNW0602	g_bhc	11/11/93	93-12073	ND	<0.050	µg/L	UJ
WNW0602	g_bhc	05/18/94	94-03933	ND	<0.052	µg/L	
WNW0602	g_chlrdn	11/11/93	93-12073	ND	<1.00	µg/L	UJ
WNW0602	g_chlrdn	05/18/94	94-03933	ND	<0.520	µg/L	
WNW0602	hept_clr	11/11/93	93-12073	ND	<0.050	µg/L	
WNW0602	hept_clr	05/18/94	94-03933	ND	<0.052	µg/L	
WNW0602	hept_epx	11/11/93	93-12073	ND	<0.050	µg/L	
WNW0602	hept_epx	05/18/94	94-03933	ND	<0.050	µg/L	
WNW0602	meth_xcl	11/11/93	93-12073	ND	<0.500	µg/L	
WNW0602	meth_xcl	05/18/94	94-03933	ND	<0.500	µg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0602	pcb_1016	11/11/93	93-12073	ND	<0.500	µg/L
WNW0602	pcb_1016	05/18/94	94-03933	ND	<0.500	µg/L
WNW0602	pcb_1221	11/11/93	93-12073	ND	<1.00	µg/L
WNW0602	pcb_1221	05/18/94	94-03933	ND	<1.00	µg/L
WNW0602	pcb_1232	11/11/93	93-12073	ND	<0.500	µg/L
WNW0602	pcb_1232	05/18/94	94-03933	ND	<0.500	µg/L
WNW0602	pcb_1242	11/11/93	93-12073	ND	<0.500	µg/L
WNW0602	pcb_1242	05/18/94	94-03933	ND	<0.500	µg/L
WNW0602	pcb_1248	11/11/93	93-12073	ND	<0.500	µg/L
WNW0602	pcb_1248	05/18/94	94-03933	ND	<0.500	µg/L
WNW0602	pcb_1254	11/11/93	93-12073	ND	<0.500	µg/L
WNW0602	pcb_1254	05/18/94	94-03933	ND	<0.500	µg/L
WNW0602	pcb_1260	11/11/93	93-12073	ND	<0.500	µg/L
WNW0602	pcb_1260	05/18/94	94-03933	ND	<0.500	µg/L
WNW0602	toxaphen	11/11/93	93-12073	ND	<1.00	µg/L UJ
WNW0602	toxaphen	05/18/94	94-03933	ND	<1.00	µg/L UJ
WNW0602	acnphthe	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	acnphthe	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	acnphthy	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	acnphthy	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	anthracn	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	anthracn	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	bis2ceth	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	bis2ceth	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	bis2cexy	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	bis2cexy	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	bis2clis	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	bis2clis	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	bis2ehex	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	bis2ehex	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	bnz_a_an	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	bnz_a_an	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	bnz_a_py	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	bnz_a_py	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	bnz_b_fl	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	bnz_b_fl	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	bnz_k_fl	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	bnz_k_fl	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	bnzghipr	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	bnzghipr	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	brppeth4	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	brppeth4	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	butbnzph	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	butbnzph	05/18/94	94-03931	ND	<12.0	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0602	carbazol	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	carbazol	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	chppeth4	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	chppeth4	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	chrysene	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	chrysene	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	clnaph2	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	clnaph2	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	clphen_2	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	clphen_2	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	dbahanth	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	dbahanth	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	dcb_33	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	dcb_33	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	dibnzfur	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	dibnzfur	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	diclph24	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	diclph24	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	diethyph	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	diethyph	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	dimthp24	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	dimthp24	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	dimthyph	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	dimthyph	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	dinbutph	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	dinbutph	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	dinoctph	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	dinoctph	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	dintrp24	11/11/93	93-12072	ND	<50.0	µg/L
WNW0602	dintrp24	05/18/94	94-03931	ND	<62.0	µg/L
WNW0602	dintrt24	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	dintrt24	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	dintrt26	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	dintrt26	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	dntcr46	11/11/93	93-12072	ND	<50.0	µg/L
WNW0602	dntcr46	05/18/94	94-03931	ND	<62.0	µg/L
WNW0602	flranthn	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	flranthn	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	fluorene	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	fluorene	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	hexclbnz	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	hexclbnz	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	hexclbut	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	hexclbut	05/18/94	94-03931	ND	<12.0	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0602	hexcleth	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	hexcleth	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	hexclpen	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	hexclpen	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	indnpyre	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	indnpyre	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	isophron	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	isophron	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	m_dclbnz	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	m_dclbnz	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	m_ntranl	11/11/93	93-12072	ND	<50.0	µg/L
WNW0602	m_ntranl	05/18/94	94-03931	ND	<62.0	µg/L
WNW0602	mthynph2	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	mthynph2	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	naphthal	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	naphthal	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	nntprphny	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	nntprphny	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	nntprppy	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	nntprppy	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	ntrobenz	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	ntrobenz	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	o_cresol	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	o_cresol	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	o_dclbnz	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	o_dclbnz	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	o_ntranl	11/11/93	93-12072	ND	<50.0	µg/L
WNW0602	o_ntranl	05/18/94	94-03931	ND	<62.0	µg/L
WNW0602	o_ntrphn	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	o_ntrphn	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	p_cresol	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	p_cresol	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	p_dclbnz	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	p_dclbnz	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	p_ntranl	11/11/93	93-12072	ND	<50.0	µg/L
WNW0602	p_ntranl	05/18/94	94-03931	ND	<62.0	µg/L
WNW0602	p_ntrphn	11/11/93	93-12072	ND	<50.0	µg/L
WNW0602	p_ntrphn	05/18/94	94-03931	ND	<62.0	µg/L
WNW0602	pclranil	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	pclranil	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	pclrmcrs	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	pclrmcrs	05/18/94	94-03931	ND	<12.0	µg/L
WNW0602	phenol	11/11/93	93-12072	ND	<10.0	µg/L
WNW0602	phenol	05/18/94	94-03931	ND	<12.0	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0602	phnanthr	11/11/93	93-12072	ND	<10.0	µg/L	
WNW0602	phnanthr	05/18/94	94-03931	ND	<12.0	µg/L	
WNW0602	pntclphn	11/11/93	93-12072	ND	<50.0	µg/L	
WNW0602	pntclphn	05/18/94	94-03931	ND	<62.0	µg/L	
WNW0602	pyrene	11/11/93	93-12072	ND	<10.0	µg/L	
WNW0602	pyrene	05/18/94	94-03931	ND	<12.0	µg/L	
WNW0602	tlph245	11/11/93	93-12072	ND	<10.0	µg/L	
WNW0602	tlph245	05/18/94	94-03931	ND	<12.0	µg/L	
WNW0602	tlph246	11/11/93	93-12072	ND	<10.0	µg/L	
WNW0602	tlph246	05/18/94	94-03931	ND	<12.0	µg/L	
WNW0603	al_s	11/11/93	93-12035	ND	<200	µg/L	
WNW0603	al_s	11/11/93	93-12035	ND	<200	µg/L	
WNW0603	al_s	05/18/94	94-03945	ND	<90.0	µg/L	
WNW0603	al_t	11/11/93	93-12034		1460	µg/L	
WNW0603	al_t	05/18/94	94-03944		1600	µg/L	
WNW0603	ca_s	11/11/93	93-12035		151000	µg/L	
WNW0603	ca_s	11/11/93	93-12035		151000	µg/L	
WNW0603	ca_s	05/18/94	94-03945		149000	µg/L	
WNW0603	ca_t	11/11/93	93-12034		153000	µg/L	
WNW0603	ca_t	05/18/94	94-03944		143000	µg/L	
WNW0603	cl	11/11/93	93-12033		7.80	mg/L	
WNW0603	cl	05/18/94	94-03943		19.0	mg/L	
WNW0603	co3	11/11/93	93-12033	ND	<1.00	mg/L	
WNW0603	co3	05/18/94	94-03943	ND	<1.00	mg/L	
WNW0603	fe_s	11/11/93	93-12035	ND	<40.0	µg/L	
WNW0603	fe_s	11/11/93	93-12035	ND	<40.0	µg/L	
WNW0603	fe_s	05/18/94	94-03945	ND	<40.0	µg/L	
WNW0603	fe_t	11/11/93	93-12034		2620	µg/L	
WNW0603	fe_t	05/18/94	94-03944		3100	µg/L	
WNW0603	hco3	11/11/93	93-12033		342	mg/L	
WNW0603	hco3	05/18/94	94-03943		257	mg/L	
WNW0603	hydroxyl	11/11/93	93-12033	ND	<1.00	mg/L	
WNW0603	hydroxyl	05/18/94	94-03943	ND	<1.00	mg/L	
WNW0603	k_s	11/11/93	93-12035		1950	µg/L	
WNW0603	k_s	05/18/94	94-03945		1300	µg/L	
WNW0603	k_t	11/11/93	93-12034		2200	µg/L	
WNW0603	k_t	05/18/94	94-03944		1700	µg/L	
WNW0603	mg_s	11/11/93	93-12035		21500	µg/L	
WNW0603	mg_s	11/11/93	93-12035		21500	µg/L	
WNW0603	mg_s	05/18/94	94-03945		19800	µg/L	
WNW0603	mg_t	11/11/93	93-12034		21800	µg/L	
WNW0603	mg_t	05/18/94	94-03944		19500	µg/L	
WNW0603	mn_s	11/11/93	93-12035		381	µg/L	
WNW0603	mn_s	11/11/93	93-12035		381	µg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0603	mn_s	05/18/94	94-03945		320	µg/L	
WNW0603	mn_t	11/11/93	93-12034		533	µg/L	
WNW0603	mn_t	05/18/94	94-03944		370	µg/L	
WNW0603	na_s	11/11/93	93-12035		6690	µg/L	
WNW0603	na_s	11/11/93	93-12035		6690	µg/L	
WNW0603	na_s	05/18/94	94-03945		7600	µg/L	
WNW0603	na_t	11/11/93	93-12034		8100	µg/L	
WNW0603	na_t	11/11/93	93-12034		8100	µg/L	
WNW0603	na_t	05/18/94	94-03944		8200	µg/L	
WNW0603	nh3	11/11/93	93-12030	ND	<0.050	mg/L	
WNW0603	nh3	05/18/94	94-03940	ND	<0.050	mg/L	
WNW0603	no3no2	11/11/93	93-12032		1.30	mg/L	
WNW0603	no3no2	05/18/94	94-03942		1.70	mg/L	
WNW0603	po4_totl	11/11/93	93-12032		0.130	mg/L	
WNW0603	po4_totl	05/18/94	94-03942		0.120	mg/L	
WNW0603	silica	11/11/93	93-12033		9.8	mg/L	
WNW0603	silica	05/18/94	94-03943		11.8	mg/L	
WNW0603	so4	11/11/93	93-12033		164	mg/L	
WNW0603	so4	05/18/94	94-03943		119	mg/L	J
WNW0603	sulfide	11/11/93	93-12036		1.30	mg/L	
WNW0603	sulfide	05/18/94	94-03946	ND	<1.00	mg/L	
WNW0604	acetone	11/11/93	93-12087	ND	<10.0	µg/L	UJ
WNW0604	acetone	05/16/94	94-03955	ND	<10.0	µg/L	
WNW0604	benzene	11/11/93	93-12087	ND	<5.00	µg/L	
WNW0604	benzene	05/16/94	94-03955	ND	<0.700	µg/L	
WNW0604	br_meth	11/11/93	93-12087	ND	<10.0	µg/L	UJ
WNW0604	br_meth	05/16/94	94-03955	ND	<10.0	µg/L	
WNW0604	brdcmeth	11/11/93	93-12087	ND	<5.00	µg/L	
WNW0604	brdcmeth	05/16/94	94-03955	ND	<5.00	µg/L	
WNW0604	brform	11/11/93	93-12087	ND	<5.00	µg/L	
WNW0604	brform	05/16/94	94-03955	ND	<5.00	µg/L	UJ
WNW0604	c_13_dcp	11/11/93	93-12087	ND	<5.00	µg/L	
WNW0604	c_13_dcp	05/16/94	94-03955	ND	<5.00	µg/L	
WNW0604	ccl4	11/11/93	93-12087	ND	<5.00	µg/L	
WNW0604	ccl4	05/16/94	94-03955	ND	<5.00	µg/L	
WNW0604	cl_benz	11/11/93	93-12087	ND	<5.00	µg/L	
WNW0604	cl_benz	05/16/94	94-03955	ND	<5.00	µg/L	
WNW0604	cl_eth	11/11/93	93-12087	ND	<10.0	µg/L	
WNW0604	cl_eth	05/16/94	94-03955	ND	<5.00	µg/L	
WNW0604	cl_form	11/11/93	93-12087	ND	<5.00	µg/L	
WNW0604	cl_form	05/16/94	94-03955	ND	<5.00	µg/L	
WNW0604	cl_meth	11/11/93	93-12087	ND	<10.0	µg/L	
WNW0604	cl_meth	05/16/94	94-03955	ND	<5.00	µg/L	UJ
WNW0604	cs2	11/11/93	93-12087	ND	<5.00	µg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0604	cs2	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	dbc_meth	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	dbc_meth	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	dca_11	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	dca_11	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	dca_12	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	dca_12	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	dce_11	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	dce_11	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	dce_12_t	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	dce_12_t	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	dcp_12	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	dcp_12	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	eth_benz	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	eth_benz	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	hexnone2	11/11/93	93-12087	ND	<10.0	µg/L
WNW0604	hexnone2	05/16/94	94-03955	ND	<10.0	µg/L
WNW0604	mek	11/11/93	93-12087	ND	<10.0	µg/L
WNW0604	mek	05/16/94	94-03955	ND	<10.0	µg/L
WNW0604	mene_cl	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	mene_cl	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	mibk	11/11/93	93-12087	ND	<10.0	µg/L
WNW0604	mibk	05/16/94	94-03955	ND	<10.0	µg/L
WNW0604	styrene	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	styrene	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	t_13_dcp	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	t_13_dcp	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	tca_111	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	tca_111	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	tca_112	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	tca_112	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	tca_1122	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	tca_1122	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	tcb_124	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	tcb_124	11/11/93	93-12089	ND	<11.0	µg/L
WNW0604	tcb_124	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	tetcleth	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	tetcleth	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	toluene	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	toluene	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	tricleth	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	tricleth	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	vnyl_cl	11/11/93	93-12087	ND	<10.0	µg/L
WNW0604	vnyl_cl	05/16/94	94-03955	ND	<2.00	µg/L

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0604	xylene	11/11/93	93-12087	ND	<5.00	µg/L
WNW0604	xylene	05/16/94	94-03955	ND	<5.00	µg/L
WNW0604	ag_t	11/11/93	93-12084	ND	<0.200	µg/L
WNW0604	ag_t	05/16/94	94-03957	ND	<0.400	µg/L
WNW0604	as_t	11/11/93	93-12084		3.00	µg/L
WNW0604	as_t	05/16/94	94-03957		4.00	µg/L
WNW0604	ba_t	11/11/93	93-12084		76.3	µg/L
WNW0604	ba_t	05/16/94	94-03957		80.9	µg/L
WNW0604	be_t	11/11/93	93-12084	ND	<3.00	µg/L
WNW0604	be_t	05/16/94	94-03957	ND	<3.00	µg/L
WNW0604	cd_t	11/11/93	93-12084	ND	<0.200	µg/L
WNW0604	cd_t	05/16/94	94-03957	ND	<0.200	µg/L
WNW0604	co_t	11/11/93	93-12084	ND	<20.0	µg/L
WNW0604	co_t	05/16/94	94-03957	ND	<10.0	µg/L
WNW0604	cr_t	11/11/93	93-12084		13.6	µg/L
WNW0604	cr_t	05/16/94	94-03957	ND	<10.0	µg/L
WNW0604	cu_t	11/11/93	93-12084		20.4	µg/L
WNW0604	cu_t	05/16/94	94-03957	ND	<10.0	µg/L
WNW0604	cyan_tot	11/11/93	93-12092	ND	<0.010	mg/L
WNW0604	cyan_tot	05/16/94	94-03959	ND	<10.0	mg/L
WNW0604	hg_t	11/11/93	93-12084	ND	<0.200	µg/L
WNW0604	hg_t	05/16/94	94-03957	ND	<0.200	µg/L
WNW0604	ni_t	11/11/93	93-12084		146	µg/L
WNW0604	ni_t	05/16/94	94-03957		150	µg/L
WNW0604	pb_t	11/11/93	93-12084	ND	<2.00	µg/L
WNW0604	pb_t	05/16/94	94-03957	ND	<2.00	µg/L
WNW0604	sb_t	11/11/93	93-12084	ND	<3.00	µg/L
WNW0604	sb_t	05/16/94	94-03957	ND	<4.00	µg/L
WNW0604	se_t	11/11/93	93-12084	ND	<3.00	µg/L
WNW0604	se_t	05/16/94	94-03957	ND	<3.00	µg/L
WNW0604	tl_t	11/11/93	93-12084	ND	<3.00	µg/L
WNW0604	tl_t	05/16/94	94-03957	ND	<3.00	µg/L
WNW0604	v_t	11/11/93	93-12084	ND	<20.0	µg/L
WNW0604	v_t	05/16/94	94-03957	ND	<10.0	µg/L
WNW0604	zn_t	11/11/93	93-12084		15.8	µg/L
WNW0604	zn_t	05/16/94	94-03957	ND	<10.0	µg/L
WNW0604	al_s	11/11/93	93-12085	ND	<90.0	µg/L
WNW0604	al_s	11/11/93	93-12085	ND	<90.0	µg/L
WNW0604	al_s	05/16/94	94-03953	ND	<90.0	µg/L
WNW0604	al_t	11/11/93	93-12084	ND	<90.0	µg/L
WNW0604	al_t	05/16/94	94-03957		197	µg/L
WNW0604	ca_s	11/11/93	93-12085		76300	µg/L
WNW0604	ca_s	11/11/93	93-12085		76300	µg/L
WNW0604	ca_s	05/16/94	94-03953		75000	µg/L

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0604	ca_t	11/11/93	93-12084		68800	µg/L	
WNW0604	ca_t	05/16/94	94-03957		79100	µg/L	
WNW0604	cl	11/11/93	93-12083		16.5	mg/L	
WNW0604	cl	05/16/94	94-03952		69.5	mg/L	
WNW0604	co3	11/11/93	93-12083	ND	<1.00	mg/L	
WNW0604	co3	05/16/94	94-03952	ND	<1.00	mg/L	
WNW0604	fe_s	11/11/93	93-12085		4850	µg/L	
WNW0604	fe_s	11/11/93	93-12085		4850	µg/L	
WNW0604	fe_s	05/16/94	94-03953		4860	µg/L	
WNW0604	fe_t	11/11/93	93-12084		4090	µg/L	
WNW0604	fe_t	05/16/94	94-03957		5660	µg/L	
WNW0604	hco3	11/11/93	93-12083		168	mg/L	
WNW0604	hco3	05/16/94	94-03952		154	mg/L	
WNW0604	hydroxyl	11/11/93	93-12083	ND	<1.00	mg/L	
WNW0604	hydroxyl	05/16/94	94-03952	ND	<1.00	mg/L	
WNW0604	k_s	11/11/93	93-12085		1050	µg/L	
WNW0604	k_s	05/16/94	94-03953		888	µg/L	
WNW0604	k_t	11/11/93	93-12084		1030	µg/L	
WNW0604	k_t	05/16/94	94-03957		940	µg/L	
WNW0604	mg_s	11/11/93	93-12085		11500	µg/L	
WNW0604	mg_s	11/11/93	93-12085		11500	µg/L	
WNW0604	mg_s	05/16/94	94-03953		12300	µg/L	
WNW0604	mg_t	11/11/93	93-12084		10700	µg/L	
WNW0604	mg_t	05/16/94	94-03957		13100	µg/L	
WNW0604	mn_s	11/11/93	93-12085		20100	µg/L	
WNW0604	mn_s	11/11/93	93-12085		20100	µg/L	
WNW0604	mn_s	05/16/94	94-03953		21100	µg/L	
WNW0604	mn_t	11/11/93	93-12084		18600	µg/L	
WNW0604	mn_t	05/16/94	94-03957		20900	µg/L	
WNW0604	na_s	11/11/93	93-12085		6560	µg/L	
WNW0604	na_s	11/11/93	93-12085		6560	µg/L	
WNW0604	na_s	05/16/94	94-03953		6800	µg/L	
WNW0604	na_t	11/11/93	93-12084		7370	µg/L	
WNW0604	na_t	11/11/93	93-12084		7370	µg/L	
WNW0604	na_t	05/16/94	94-03957		9080	µg/L	
WNW0604	nh3	11/11/93	93-12080		1.25	mg/L	
WNW0604	nh3	11/11/93	93-12080		1.24	mg/L	
WNW0604	nh3	05/16/94	94-03949		1.21	mg/L	
WNW0604	nh3	05/16/94	94-03949		1.23	mg/L	
WNW0604	no3no2	11/11/93	93-12082	ND	<0.050	mg/L	
WNW0604	no3no2	05/16/94	94-03951		0.053	mg/L	
WNW0604	po4_totl	11/11/93	93-12082	ND	<0.050	mg/L	
WNW0604	po4_totl	05/16/94	94-03951		0.060	mg/L	
WNW0604	silica	11/11/93	93-12083		5.60	mg/L	

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0604	silica	05/16/94	94-03952		6.20	mg/L	
WNW0604	so4	11/11/93	93-12083		65.4	mg/L	
WNW0604	so4	05/16/94	94-03952		70.8	mg/L	
WNW0604	sulfide	11/11/93	93-12086	ND	<1.00	mg/L	
WNW0604	sulfide	05/16/94	94-03954		1.10	mg/L	
WNW0604	a_bhc	11/11/93	93-12091	ND	<0.050	µg/L	UJ
WNW0604	a_bhc	05/16/94	94-03958	ND	<0.050	µg/L	
WNW0604	a_chrlrdn	11/11/93	93-12091	ND	<0.500	µg/L	
WNW0604	a_chrlrdn	05/16/94	94-03958	ND	<0.500	µg/L	
WNW0604	aldrin	11/11/93	93-12091	ND	<0.050	µg/L	
WNW0604	aldrin	05/16/94	94-03958	ND	<0.050	µg/L	
WNW0604	b_bhc	11/11/93	93-12091	ND	<0.050	µg/L	
WNW0604	b_bhc	05/16/94	94-03958	ND	<0.050	µg/L	
WNW0604	d_bhc	11/11/93	93-12091	ND	<0.050	µg/L	UJ
WNW0604	d_bhc	05/16/94	94-03958	ND	<0.050	µg/L	
WNW0604	ddd_44	11/11/93	93-12091	ND	<0.100	µg/L	
WNW0604	ddd_44	05/16/94	94-03958	ND	<0.100	µg/L	
WNW0604	dde_44	11/11/93	93-12091	ND	<0.100	µg/L	
WNW0604	dde_44	05/16/94	94-03958	ND	<0.100	µg/L	
WNW0604	ddt_44	11/11/93	93-12091	ND	<0.100	µg/L	
WNW0604	ddt_44	05/16/94	94-03958	ND	<0.100	µg/L	
WNW0604	dieldrin	11/11/93	93-12091	ND	<0.100	µg/L	
WNW0604	dieldrin	05/16/94	94-03958	ND	<0.100	µg/L	
WNW0604	endos_1	11/11/93	93-12091	ND	<0.100	µg/L	
WNW0604	endos_1	05/16/94	94-03958	ND	<0.100	µg/L	
WNW0604	endos_2	11/11/93	93-12091	ND	<0.100	µg/L	
WNW0604	endos_2	05/16/94	94-03958	ND	<0.100	µg/L	
WNW0604	endos_s	11/11/93	93-12091	ND	<0.100	µg/L	
WNW0604	endos_s	05/16/94	94-03958	ND	<0.100	µg/L	
WNW0604	endrin	11/11/93	93-12091	ND	<0.100	µg/L	
WNW0604	endrin	05/16/94	94-03958	ND	<0.100	µg/L	
WNW0604	endrn_al	05/16/94	94-03958	ND	<0.100	µg/L	
WNW0604	endrn_kt	11/11/93	93-12091	ND	<0.100	µg/L	
WNW0604	endrn_kt	05/16/94	94-03958	ND	<0.100	µg/L	
WNW0604	g_bhc	11/11/93	93-12091	ND	<0.050	µg/L	UJ
WNW0604	g_bhc	05/16/94	94-03958	ND	<0.050	µg/L	
WNW0604	g_chlrdrn	11/11/93	93-12091	ND	<1.00	µg/L	
WNW0604	g_chlrdrn	05/16/94	94-03958	ND	<0.500	µg/L	
WNW0604	hept_clr	11/11/93	93-12091	ND	<0.050	µg/L	
WNW0604	hept_clr	05/16/94	94-03958	ND	<0.050	µg/L	
WNW0604	hept_epx	11/11/93	93-12091	ND	<0.050	µg/L	
WNW0604	hept_epx	05/16/94	94-03958	ND	<0.050	µg/L	
WNW0604	meth_xcl	11/11/93	93-12091	ND	<0.500	µg/L	
WNW0604	meth_xcl	05/16/94	94-03958	ND	<0.500	µg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0604	pcb_1016	11/11/93	93-12091	ND	<0.500	µg/L	
WNW0604	pcb_1016	05/16/94	94-03958	ND	<0.500	µg/L	
WNW0604	pcb_1221	11/11/93	93-12091	ND	<1.00	µg/L	
WNW0604	pcb_1221	05/16/94	94-03958	ND	<1.00	µg/L	
WNW0604	pcb_1232	11/11/93	93-12091	ND	<0.500	µg/L	
WNW0604	pcb_1232	05/16/94	94-03958	ND	<0.500	µg/L	
WNW0604	pcb_1242	11/11/93	93-12091	ND	<0.500	µg/L	
WNW0604	pcb_1242	05/16/94	94-03958	ND	<0.500	µg/L	
WNW0604	pcb_1248	11/11/93	93-12091	ND	<0.500	µg/L	
WNW0604	pcb_1248	05/16/94	94-03958	ND	<0.500	µg/L	
WNW0604	pcb_1254	11/11/93	93-12091	ND	<0.500	µg/L	UJ
WNW0604	pcb_1254	05/16/94	94-03958	ND	<0.500	µg/L	
WNW0604	pcb_1260	11/11/93	93-12091	ND	<0.500	µg/L	
WNW0604	pcb_1260	05/16/94	94-03958	ND	<0.500	µg/L	
WNW0604	toxaphen	11/11/93	93-12091	ND	<1.00	µg/L	
WNW0604	toxaphen	05/16/94	94-03958	ND	<1.00	µg/L	UJ
WNW0604	acnphthe	11/11/93	93-12089	ND	<10.0	µg/L	
WNW0604	acnphthe	11/11/93	93-12089	ND	<11.0	µg/L	UJ
WNW0604	acnphthe	05/16/94	94-03956	ND	<10.0	µg/L	
WNW0604	acnphthy	11/11/93	93-12089	ND	<10.0	µg/L	
WNW0604	acnphthy	11/11/93	93-12089	ND	<11.0	µg/L	UJ
WNW0604	acnphthy	05/16/94	94-03956	ND	<10.0	µg/L	
WNW0604	anthracn	11/11/93	93-12089	ND	<10.0	µg/L	
WNW0604	anthracn	11/11/93	93-12089	ND	<11.0	µg/L	UJ
WNW0604	anthracn	05/16/94	94-03956	ND	<10.0	µg/L	
WNW0604	bis2ceth	11/11/93	93-12089	ND	<10.0	µg/L	
WNW0604	bis2ceth	11/11/93	93-12089	ND	<11.0	µg/L	UJ
WNW0604	bis2ceth	05/16/94	94-03956	ND	<10.0	µg/L	
WNW0604	bis2cexy	11/11/93	93-12089	ND	<10.0	µg/L	
WNW0604	bis2cexy	11/11/93	93-12089	ND	<11.0	µg/L	UJ
WNW0604	bis2cexy	05/16/94	94-03956	ND	<10.0	µg/L	
WNW0604	bis2clis	11/11/93	93-12089	ND	<10.0	µg/L	
WNW0604	bis2clis	11/11/93	93-12089	ND	<11.0	µg/L	UJ
WNW0604	bis2clis	05/16/94	94-03956	ND	<10.0	µg/L	
WNW0604	bis2ehex	11/11/93	93-12089	ND	<10.0	µg/L	
WNW0604	bis2ehex	11/11/93	93-12089	ND	<11.0	µg/L	UJ
WNW0604	bis2ehex	05/16/94	94-03956	ND	<10.0	µg/L	
WNW0604	bnz_a_an	11/11/93	93-12089	ND	<10.0	µg/L	
WNW0604	bnz_a_an	11/11/93	93-12089	ND	<11.0	µg/L	UJ
WNW0604	bnz_a_an	05/16/94	94-03956	ND	<10.0	µg/L	
WNW0604	bnz_a_py	11/11/93	93-12089	ND	<10.0	µg/L	
WNW0604	bnz_a_py	11/11/93	93-12089	ND	<11.0	µg/L	UJ
WNW0604	bnz_a_py	05/16/94	94-03956	ND	<10.0	µg/L	
WNW0604	bnz_b_fl	11/11/93	93-12089	ND	<10.0	µg/L	

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0604	bnz_b_fl	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	bnz_b_fl	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	bnz_k_fl	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	bnz_k_fl	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	bnz_k_fl	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	bnzghipr	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	bnzghipr	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	bnzghipr	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	brppeth4	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	brppeth4	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	brppeth4	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	butbnzph	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	butbnzph	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	butbnzph	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	carbazol	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	carbazol	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	carbazol	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	chppeth4	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	chppeth4	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	chppeth4	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	chrysene	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	chrysene	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	chrysene	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	clnapht2	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	clnapht2	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	clnapht2	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	clphen_2	11/11/93	93-12089	ND	<10.0	µg/L R
WNW0604	clphen_2	11/11/93	93-12089	ND	<11.0	µg/L R
WNW0604	clphen_2	05/16/94	94-03956	ND	<10.0	µg/L R
WNW0604	dbahanth	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	dbahanth	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	dbahanth	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	dcb_33	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	dcb_33	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	dcb_33	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	dibnzfur	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	dibnzfur	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	dibnzfur	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	diclph24	11/11/93	93-12089	ND	<10.0	µg/L R
WNW0604	diclph24	11/11/93	93-12089	ND	<11.0	µg/L R
WNW0604	diclph24	05/16/94	94-03956	ND	<10.0	µg/L R
WNW0604	diethyph	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	diethyph	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	diethyph	05/16/94	94-03956	ND	<10.0	µg/L

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0604	dimthp24	11/11/93	93-12089	ND	<10.0	µg/L R
WNW0604	dimthp24	11/11/93	93-12089	ND	<11.0	µg/L R
WNW0604	dimthp24	05/16/94	94-03956	ND	<10.0	µg/L R
WNW0604	dimthyph	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	dimthyph	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	dimthyph	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	dinbutph	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	dinbutph	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	dinbutph	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	dinoctph	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	dinoctph	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	dinoctph	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	dintrp24	11/11/93	93-12089	ND	<50.0	µg/L R
WNW0604	dintrp24	11/11/93	93-12089	ND	<56.0	µg/L R
WNW0604	dintrp24	05/16/94	94-03956	ND	<50.0	µg/L R
WNW0604	dintrt24	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	dintrt24	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	dintrt24	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	dintrt26	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	dintrt26	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	dintrt26	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	dntcr46	11/11/93	93-12089	ND	<50.0	µg/L R
WNW0604	dntcr46	11/11/93	93-12089	ND	<56.0	µg/L R
WNW0604	dntcr46	05/16/94	94-03956	ND	<50.0	µg/L R
WNW0604	flranthn	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	flranthn	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	flranthn	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	fluorene	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	fluorene	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	fluorene	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	hexclbnz	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	hexclbnz	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	hexclbnz	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	hexclbut	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	hexclbut	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	hexclbut	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	hexcleth	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	hexcleth	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	hexcleth	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	hexclpen	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	hexclpen	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	hexclpen	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	indnpyre	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	indnpyre	11/11/93	93-12089	ND	<11.0	µg/L UJ

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0604	indnpyre	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	isophron	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	isophron	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	isophron	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	m_dclbnz	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	m_dclbnz	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	m_dclbnz	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	m_ntranl	11/11/93	93-12089	ND	<50.0	µg/L
WNW0604	m_ntranl	11/11/93	93-12089	ND	<56.0	µg/L UJ
WNW0604	m_ntranl	05/16/94	94-03956	ND	<50.0	µg/L
WNW0604	mthynph2	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	mthynph2	11/11/93	93-12089	ND	<10.0	µg/L UJ
WNW0604	mthynph2	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	naphthal	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	naphthal	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	naphthal	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	nntprphny	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	nntprphny	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	nntprphny	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	nntprprpy	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	nntprprpy	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	nntprprpy	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	ntrobenz	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	ntrobenz	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	ntrobenz	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	o_cresol	11/11/93	93-12089	ND	<10.0	µg/L R
WNW0604	o_cresol	11/11/93	93-12089	ND	<11.0	µg/L R
WNW0604	o_cresol	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	o_dclbnz	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	o_dclbnz	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	o_dclbnz	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	o_ntranl	11/11/93	93-12089	ND	<50.0	µg/L
WNW0604	o_ntranl	11/11/93	93-12089	ND	<56.0	µg/L UJ
WNW0604	o_ntranl	05/16/94	94-03956	ND	<50.0	µg/L
WNW0604	o_ntrphn	11/11/93	93-12089	ND	<11.0	µg/L R
WNW0604	o_ntrphn	11/11/93	93-12089	ND	<10.0	µg/L R
WNW0604	o_ntrphn	05/16/94	94-03956	ND	<10.0	µg/L R
WNW0604	p_cresol	11/11/93	93-12089	ND	<11.0	µg/L R
WNW0604	p_cresol	11/11/93	93-12089	ND	<10.0	µg/L R
WNW0604	p_cresol	05/16/94	94-03956	ND	<10.0	µg/L R
WNW0604	p_dclbnz	11/11/93	93-12089	ND	<11.0	µg/L UJ
WNW0604	p_dclbnz	11/11/93	93-12089	ND	<10.0	µg/L
WNW0604	p_dclbnz	05/16/94	94-03956	ND	<10.0	µg/L
WNW0604	p_ntranl	11/11/93	93-12089	ND	<56.0	µg/L UJ

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID	Result	Units	QA Flags
WNW0604	p_ntranl	11/11/93	93-12089	ND	< 50.0	µg/L
WNW0604	p_ntranl	05/16/94	94-03956	ND	< 50.0	µg/L
WNW0604	p_ntrphn	11/11/93	93-12089	ND	< 50.0	µg/L R
WNW0604	p_ntrphn	11/11/93	93-12089	ND	< 56.0	µg/L R
WNW0604	p_ntrphn	05/16/94	94-03956	ND	< 50.0	µg/L R
WNW0604	pclranil	11/11/93	93-12089	ND	< 11.0	µg/L UJ
WNW0604	pclranil	11/11/93	93-12089	ND	< 10.0	µg/L
WNW0604	pclranil	05/16/94	94-03956	ND	< 10.0	µg/L
WNW0604	pclrmcrs	11/11/93	93-12089	ND	< 10.0	µg/L R
WNW0604	pclrmcrs	11/11/93	93-12089	ND	< 11.0	µg/L R
WNW0604	pclrmcrs	05/16/94	94-03956	ND	< 10.0	µg/L R
WNW0604	phenol	11/11/93	93-12089	ND	< 11.0	µg/L R
WNW0604	phenol	11/11/93	93-12089	ND	< 10.0	µg/L R
WNW0604	phenol	05/16/94	94-03956	ND	< 10.0	µg/L R
WNW0604	phnanthr	11/11/93	93-12089	ND	< 10.0	µg/L
WNW0604	phnanthr	11/11/93	93-12089	ND	< 11.0	µg/L UJ
WNW0604	phnanthr	05/16/94	94-03956	ND	< 10.0	µg/L
WNW0604	pntclphn	11/11/93	93-12089	ND	< 50.0	µg/L R
WNW0604	pntclphn	11/11/93	93-12089	ND	< 56.0	µg/L R
WNW0604	pntclphn	05/16/94	94-03956	ND	< 50.0	µg/L R
WNW0604	pyrene	11/11/93	93-12089	ND	< 10.0	µg/L
WNW0604	pyrene	11/11/93	93-12089	ND	< 11.0	µg/L UJ
WNW0604	pyrene	05/16/94	94-03956	ND	< 10.0	µg/L
WNW0604	tlph245	11/11/93	93-12089	ND	< 10.0	µg/L R
WNW0604	tlph245	11/11/93	93-12089	ND	< 11.0	µg/L R
WNW0604	tlph245	05/16/94	94-03956	ND	< 10.0	µg/L R
WNW0604	tlph246	11/11/93	93-12089	ND	< 10.0	µg/L R
WNW0604	tlph246	11/11/93	93-12089	ND	< 11.0	µg/L R
WNW0604	tlph246	05/16/94	94-03956	ND	< 10.0	µg/L R
WNW0605	al_s	11/11/93	93-12044	ND	< 200	µg/L
WNW0605	al_s	11/11/93	93-12044	ND	< 200	µg/L
WNW0605	al_s	05/16/94	94-03970		480	µg/L
WNW0605	al_t	11/11/93	93-12043		867	µg/L
WNW0605	al_t	05/16/94	94-03969		2300	µg/L
WNW0605	ca_s	11/11/93	93-12044		62200	µg/L
WNW0605	ca_s	11/11/93	93-12044		62200	µg/L
WNW0605	ca_s	05/16/94	94-03970		73400	µg/L
WNW0605	ca_t	11/11/93	93-12043		57700	µg/L
WNW0605	ca_t	05/16/94	94-03969		79800	µg/L
WNW0605	cl	11/11/93	93-12042		39.8	mg/L
WNW0605	cl	05/16/94	94-03968		75.2	mg/L
WNW0605	co3	11/11/93	93-12042	ND	< 1.00	mg/L
WNW0605	co3	05/16/94	94-03968	ND	< 1.00	mg/L
WNW0605	fe_s	11/11/93	93-12044		45.0	µg/L

LLWSA - Expanded Groundwater Data
 Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0605	fe_s	11/11/93	93-12044		45.0	µg/L	
WNW0605	fe_s	05/16/94	94-03970		2400	µg/L	
WNW0605	fe_t	11/11/93	93-12043		2160	µg/L	
WNW0605	fe_t	05/16/94	94-03969		25100	µg/L	
WNW0605	hco3	11/11/93	93-12042		125	mg/L	
WNW0605	hco3	05/16/94	94-03968		156	mg/L	
WNW0605	hydroxyl	11/11/93	93-12042	ND	<1.00	mg/L	
WNW0605	hydroxyl	05/16/94	94-03968	ND	<1.00	mg/L	
WNW0605	k_s	11/11/93	93-12044		1710	µg/L	
WNW0605	k_s	05/16/94	94-03970		2000	µg/L	
WNW0605	k_t	11/11/93	93-12043		1780	µg/L	
WNW0605	k_t	05/16/94	94-03969		2700	µg/L	
WNW0605	mg_s	11/11/93	93-12044		9000	µg/L	
WNW0605	mg_s	11/11/93	93-12044		9000	µg/L	
WNW0605	mg_s	05/16/94	94-03970		11600	µg/L	
WNW0605	mg_t	11/11/93	93-12043		8470	µg/L	
WNW0605	mg_t	05/16/94	94-03969		14500	µg/L	
WNW0605	mn_s	11/11/93	93-12044		9.00	µg/L	
WNW0605	mn_s	11/11/93	93-12044		9.00	µg/L	
WNW0605	mn_s	05/16/94	94-03970		130	µg/L	
WNW0605	mn_t	11/11/93	93-12043		51.0	µg/L	
WNW0605	mn_t	05/16/94	94-03969		330	µg/L	
WNW0605	na_s	11/11/93	93-12044		24200	µg/L	
WNW0605	na_s	11/11/93	93-12044		24200	µg/L	
WNW0605	na_s	05/16/94	94-03970		33400	µg/L	
WNW0605	na_t	11/11/93	93-12043		23500	µg/L	
WNW0605	na_t	11/11/93	93-12043		23500	µg/L	
WNW0605	na_t	05/16/94	94-03969		26900	µg/L	
WNW0605	nh3	11/11/93	93-12039	ND	<0.050	mg/L	
WNW0605	nh3	05/16/94	94-03965	ND	<0.050	mg/L	
WNW0605	no3no2	11/11/93	93-12041		0.082	mg/L	
WNW0605	no3no2	05/16/94	94-03967		0.140	mg/L	
WNW0605	po4_totl	11/11/93	93-12041	ND	<0.050	mg/L	
WNW0605	po4_totl	05/16/94	94-03967		0.080	mg/L	
WNW0605	silica	11/11/93	93-12042		4.50	mg/L	
WNW0605	silica	05/16/94	94-03968		11.1	mg/L	
WNW0605	so4	11/11/93	93-12042		52.5	mg/L	
WNW0605	so4	05/16/94	94-03968		53.3	mg/L	
WNW0605	sulfide	11/11/93	93-12045	ND	<1.00	mg/L	
WNW0605	sulfide	05/16/94	94-03971		1.00	mg/L	
WNW0706	al_s	11/05/93	93-11604	ND	<200	µg/L	
WNW0706	al_s	11/05/93	93-11604	ND	<200	µg/L	
WNW0706	al_s	05/04/94	94-03480	ND	<90.0	µg/L	
WNW0706	al_t	11/05/93	93-11603		9600	µg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0706	al_t	05/04/94	94-03479		2700	µg/L	
WNW0706	ca_s	11/05/93	93-11604		76300	µg/L	
WNW0706	ca_s	11/05/93	93-11604		76300	µg/L	
WNW0706	ca_s	05/04/94	94-03480		96300	µg/L	
WNW0706	ca_t	11/05/93	93-11603		69300	µg/L	
WNW0706	ca_t	05/04/94	94-03479		87300	µg/L	
WNW0706	cl	11/05/93	93-11602		1.20	mg/L	
WNW0706	cl	05/04/94	94-03478		17.6	mg/L	
WNW0706	co3	11/05/93	93-11602	ND	<1.00	mg/L	
WNW0706	co3	05/04/94	94-03478	ND	<1.00	mg/L	
WNW0706	fe_s	11/05/93	93-11604	ND	<40.0	µg/L	
WNW0706	fe_s	11/05/93	93-11604	ND	<40.0	µg/L	
WNW0706	fe_s	05/04/94	94-03480	ND	<40.0	µg/L	
WNW0706	fe_t	11/05/93	93-11603		4280	µg/L	
WNW0706	fe_t	05/04/94	94-03479		4300	µg/L	
WNW0706	hco3	11/05/93	93-11602		133	mg/L	
WNW0706	hco3	05/04/94	94-03478		163	mg/L	
WNW0706	hydroxyl	11/05/93	93-11601		0.200	mg/L	
WNW0706	hydroxyl	11/05/93	93-11602	ND	<1.00	mg/L	
WNW0706	hydroxyl	05/04/94	94-03478	ND	<1.00	mg/L	
WNW0706	k_s	11/05/93	93-11604	ND	<1000	µg/L	
WNW0706	k_s	05/04/94	94-03480		840	µg/L	
WNW0706	k_t	11/05/93	93-11603		1790	µg/L	
WNW0706	k_t	05/04/94	94-03479		1500	µg/L	
WNW0706	mg_s	11/05/93	93-11604		10800	µg/L	
WNW0706	mg_s	11/05/93	93-11604		10800	µg/L	
WNW0706	mg_s	05/04/94	94-03480		13800	µg/L	
WNW0706	mg_t	11/05/93	93-11603		10700	µg/L	
WNW0706	mg_t	05/04/94	94-03479		13400	µg/L	
WNW0706	mn_s	11/05/93	93-11604	ND	<5.0	µg/L	
WNW0706	mn_s	11/05/93	93-11604	ND	<5.00	µg/L	
WNW0706	mn_s	05/04/94	94-03480	ND	<5.00	µg/L	
WNW0706	mn_t	11/05/93	93-11603		230	µg/L	
WNW0706	mn_t	05/04/94	94-03479		150	µg/L	
WNW0706	na_s	11/05/93	93-11604		2130	µg/L	
WNW0706	na_s	11/05/93	93-11604		2130	µg/L	
WNW0706	na_s	05/04/94	94-03480		3300	µg/L	
WNW0706	na_t	11/05/93	93-11603		3650	µg/L	
WNW0706	na_t	11/05/93	93-11603		3650	µg/L	
WNW0706	na_t	05/04/94	94-03479		4600	µg/L	
WNW0706	nh3	11/05/93	93-11599	ND	<0.050	mg/L	
WNW0706	nh3	05/04/94	94-03475	ND	<0.050	mg/L	
WNW0706	no3no2	11/05/93	93-11601		0.650	mg/L	
WNW0706	no3no2	05/04/94	94-03477		0.630	mg/L	

LLWSA - Expanded Groundwater Data
Fourth Quarter 1993 and Second Quarter 1994

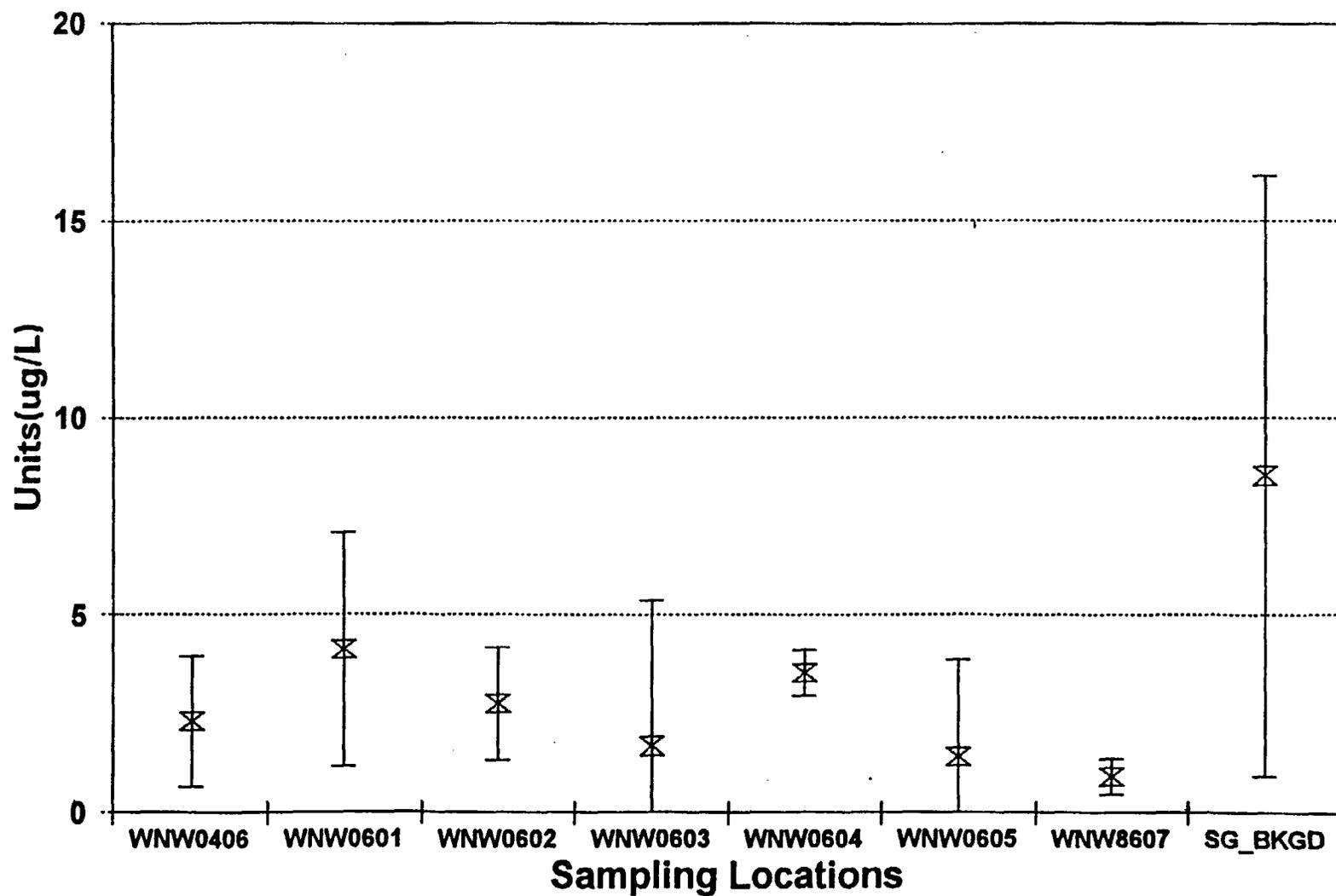
Well ID	Parameter	Sample Date	Sample ID		Result	Units	QA Flags
WNW0706	po4_totl	11/05/93	93-11601		0.250	mg/L	
WNW0706	po4_totl	11/05/93	93-11601		0.250	mg/L	
WNW0706	po4_totl	05/04/94	94-03477		0.120	mg/L	
WNW0706	silica	11/05/93	93-11602		3.30	mg/L	
WNW0706	silica	05/04/94	94-03478		3.30	mg/L	
WNW0706	so4	11/05/93	93-11602		81.9	mg/L	
WNW0706	so4	05/04/94	94-03478		87.0	mg/L	
WNW0706	sulfide	11/05/93	93-11605	ND	<1.00	mg/L	
WNW0706	sulfide	05/04/94	94-03481	ND	<1.00	mg/L	

Appendix E

99% Confidence Interval Comparisons of Groundwater Parameters

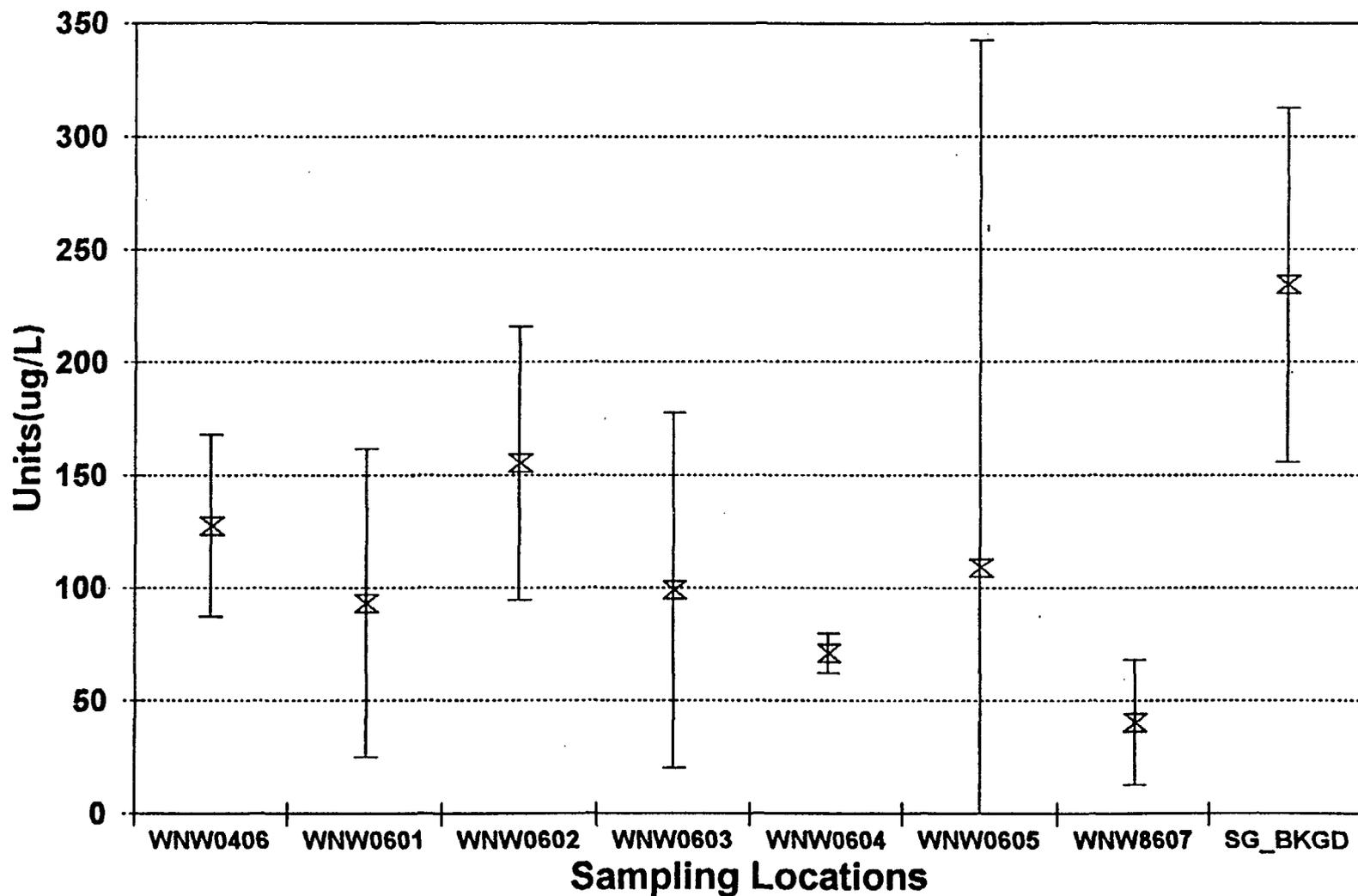
THIS PAGE INTENTIONALLY LEFT BLANK

Arsenic in the Sand & Gravel Unit 99% Confidence Intervals



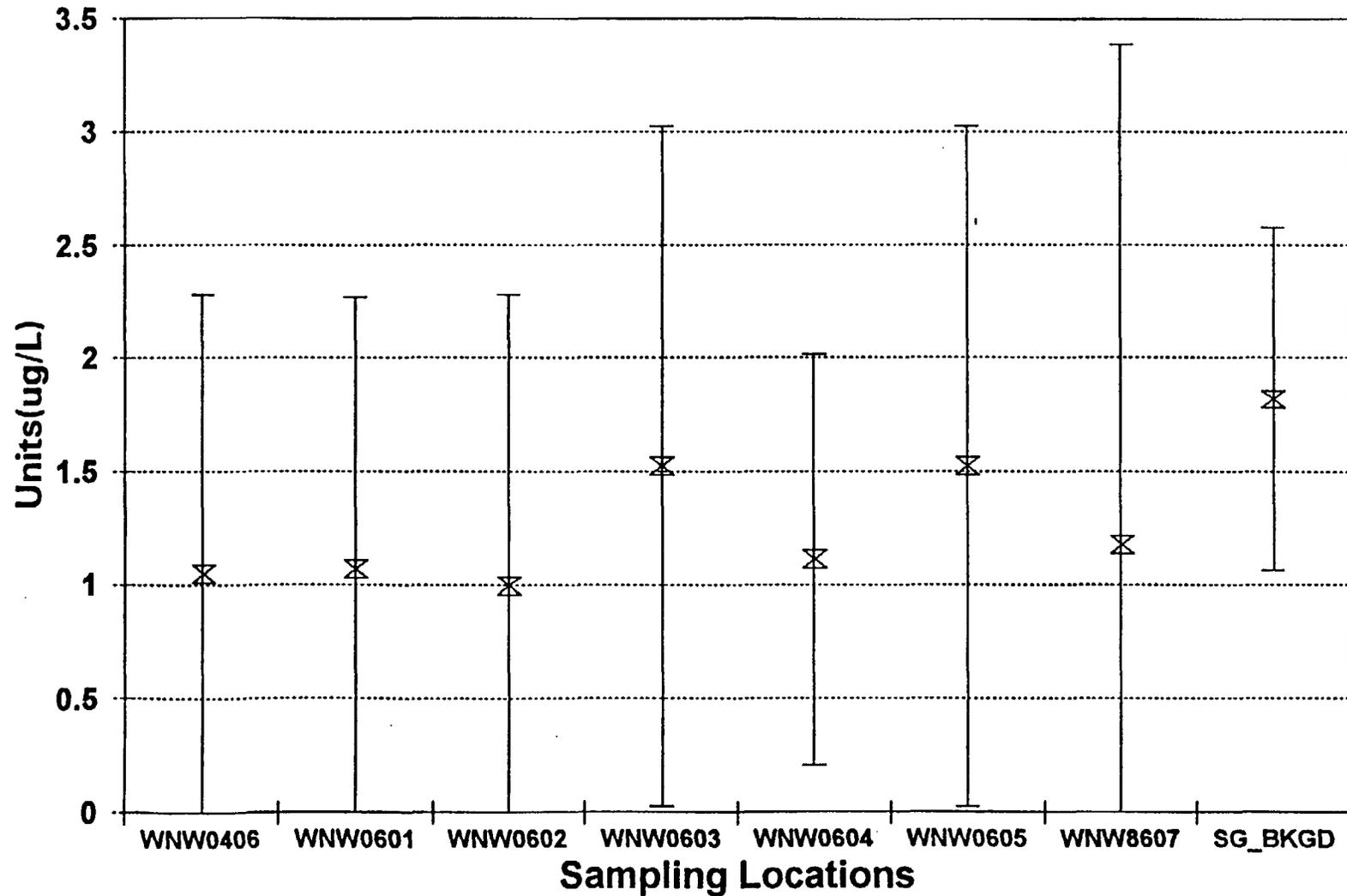
Note: SG_BKGD is combination of Wells - WNW0301, WNW0401, and WNW0706

Barium in the Sand & Gravel Unit 99% Confidence Intervals



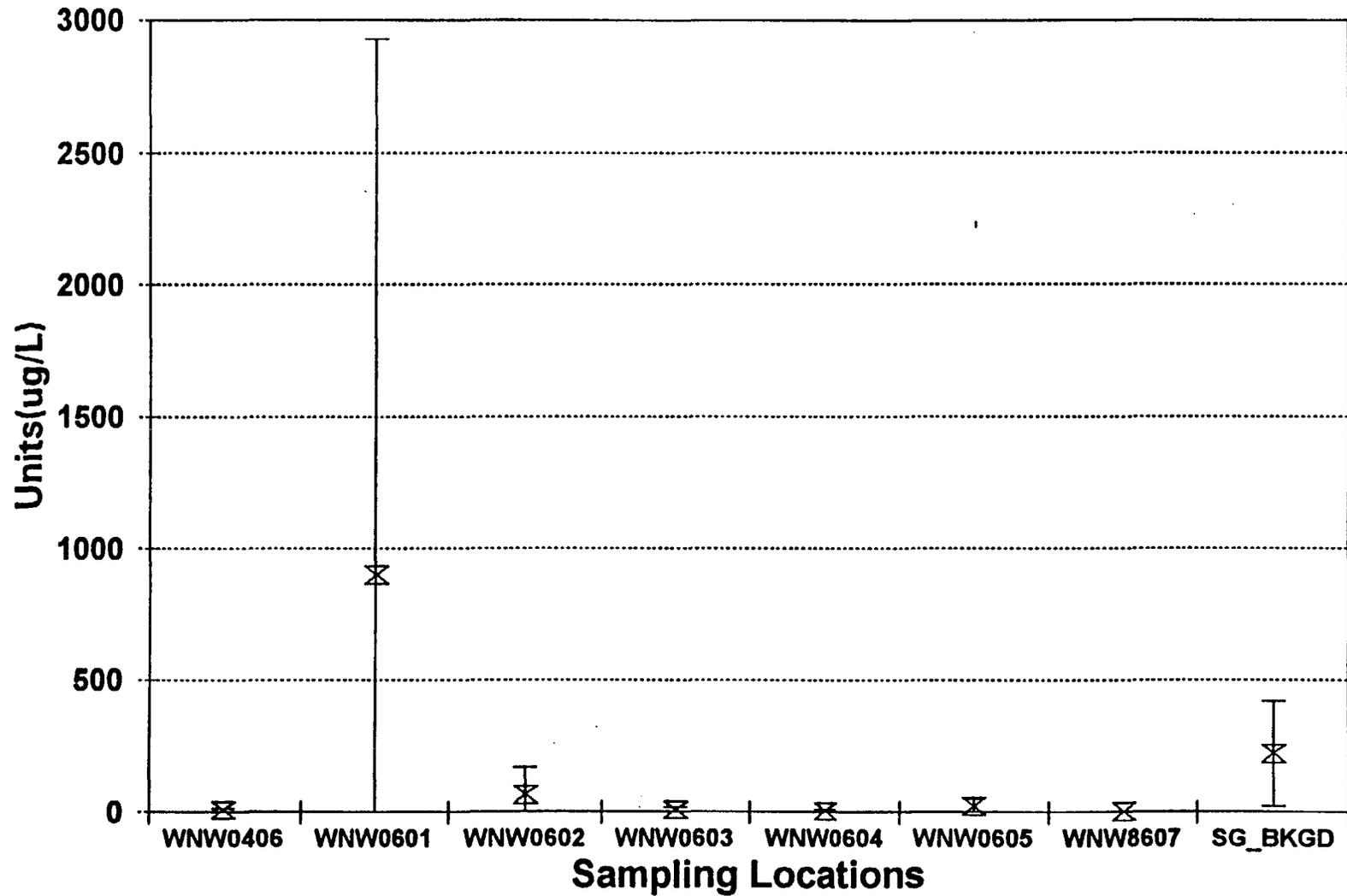
Note: SG_BKGD is combination of Wells - WNW0301, WNW0401, and WNW0706

Cadmium in the Sand & Gravel Unit 99% Confidence Intervals



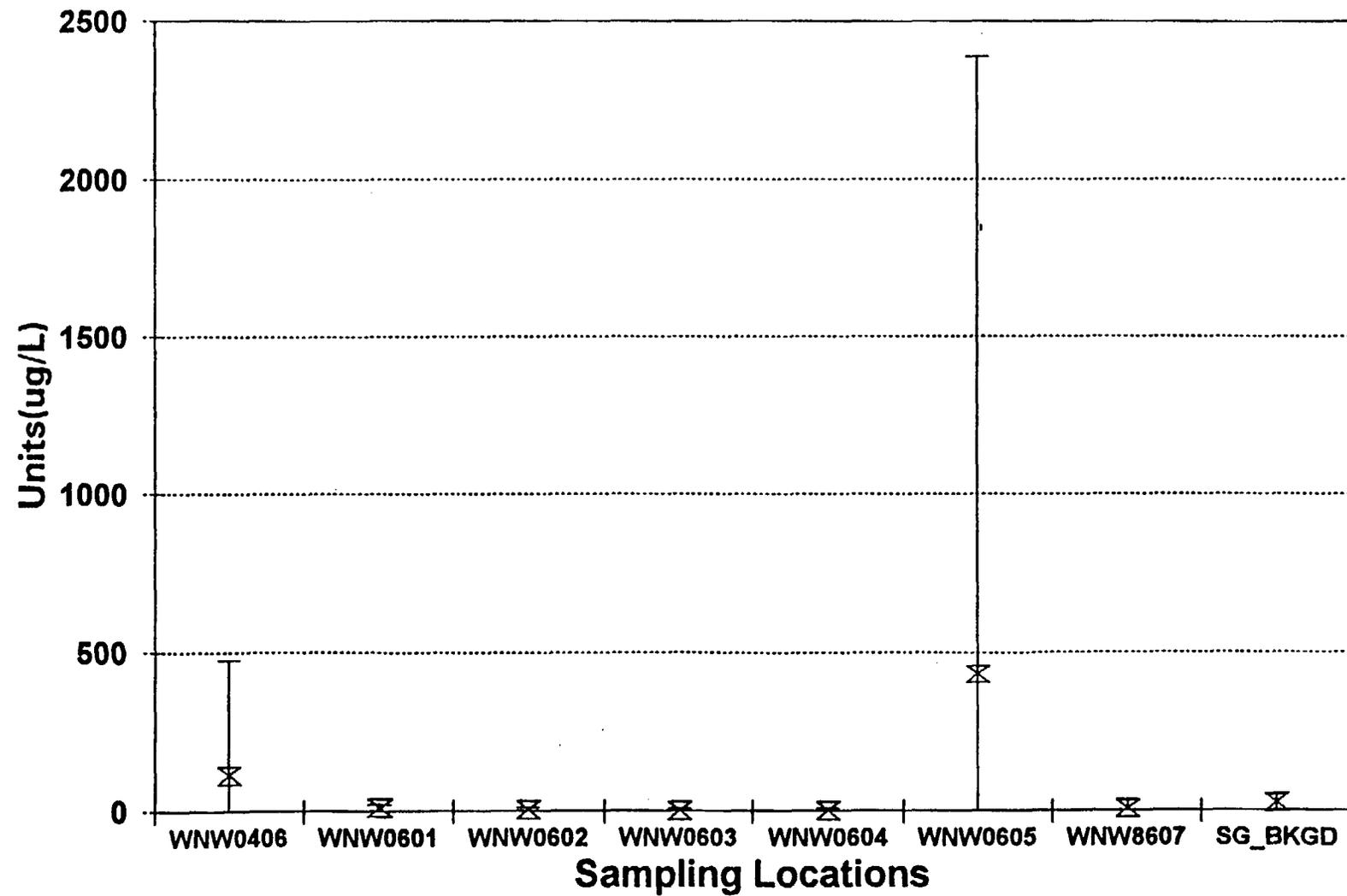
Note: SG_BKGD is combination of Wells - WNW0301, WNW0401, and WNW0706

Chromium in the Sand & Gravel Unit 99% Confidence Intervals



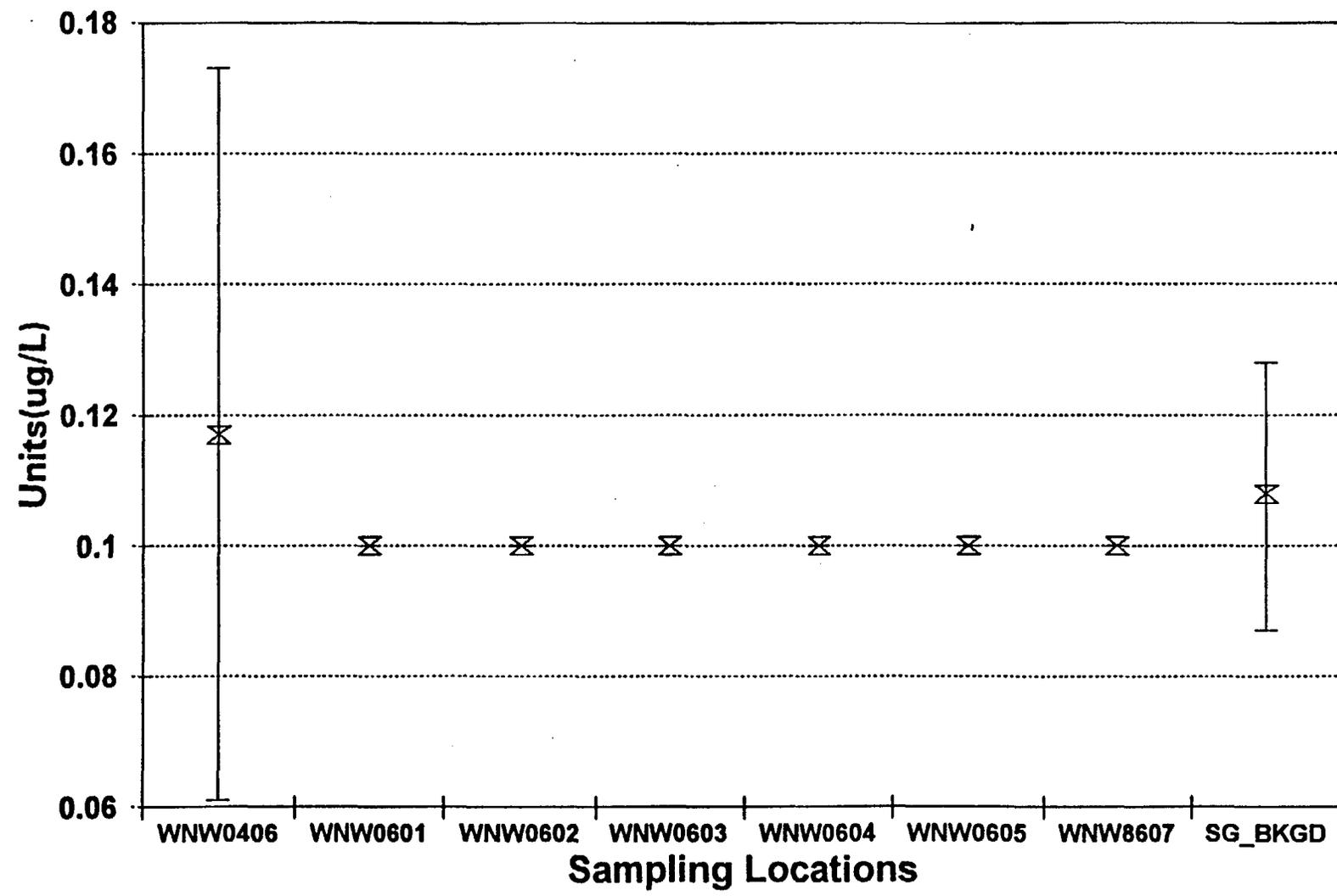
Note: SG_BKGD is combination of Wells - WNW0301, WNW0401, and WNW0706

Lead in the Sand & Gravel Unit 99% Confidence Intervals



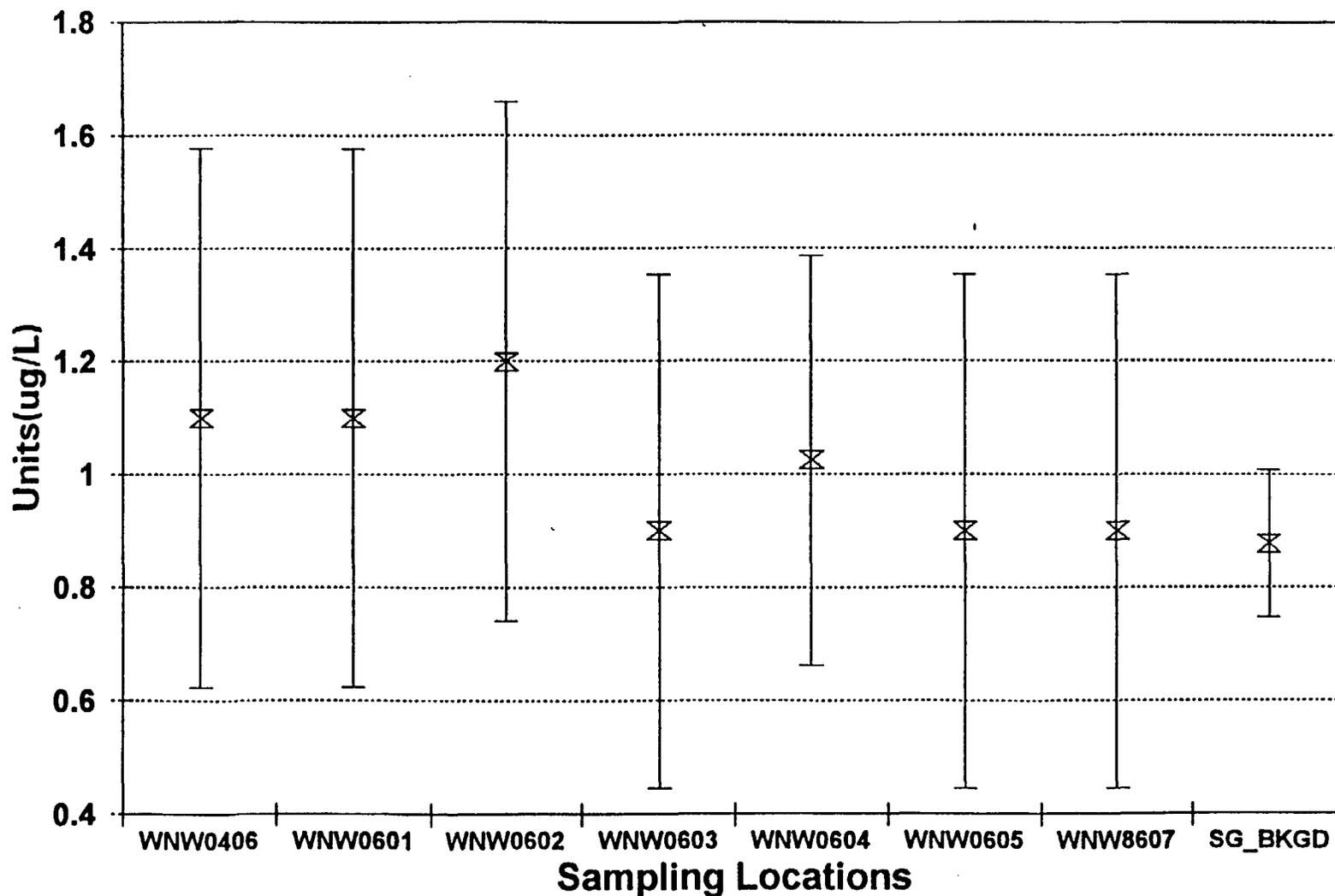
Note: SG_BKGD is combination of Wells - WNW0301, WNW0401, and WNW0706

Mercury in the Sand & Gravel Unit 99% Confidence Intervals



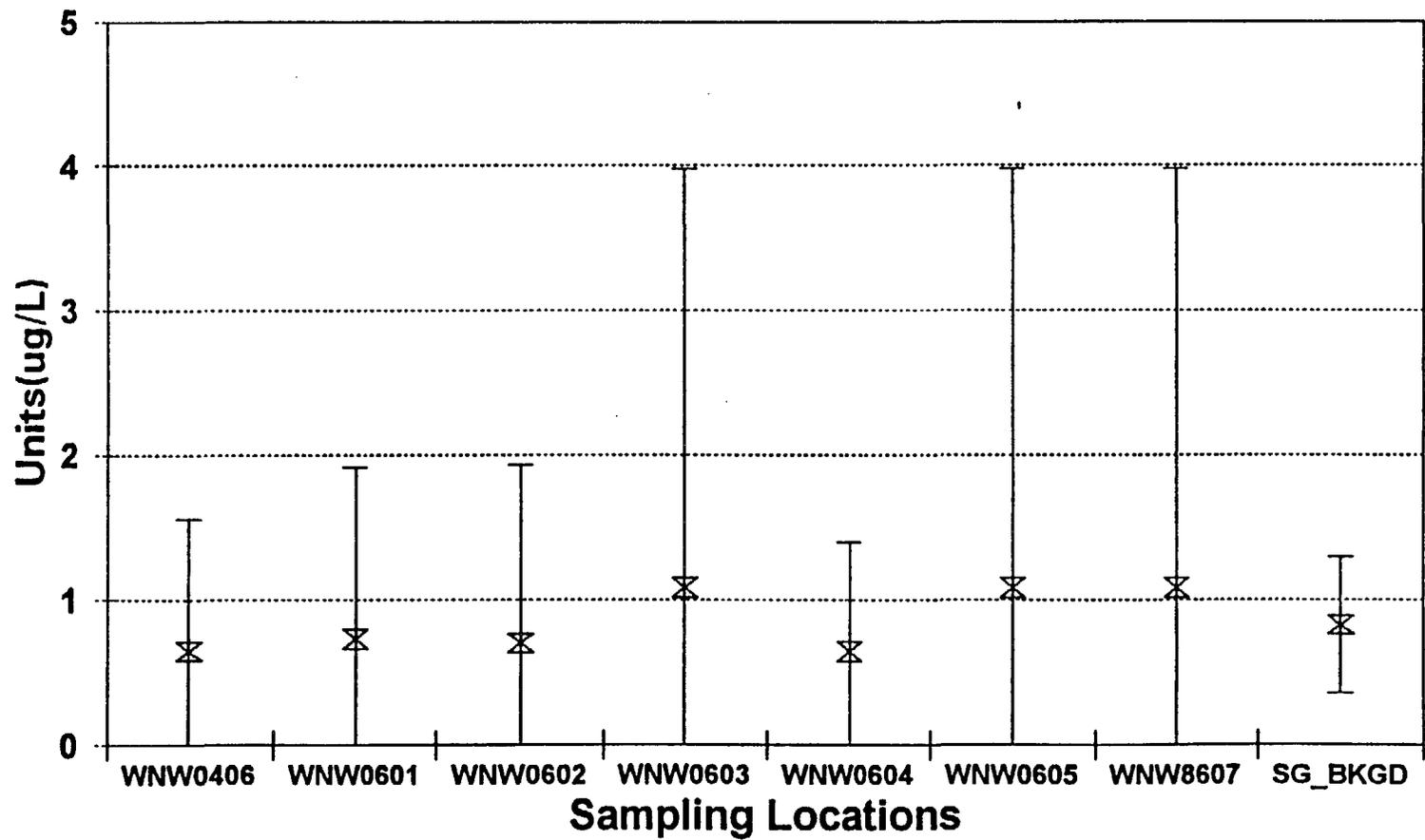
Note: SG_BKGD is combination of Wells - WNW0301, WNW0401, and WNW0706

Selenium in the Sand & Gravel Unit 99% Confidence Intervals



Note: SG_BKGD is combination of Wells - WNW0301, WNW0401, and WNW0706

Silver in the Sand & Gravel Unit 99% Confidence Intervals



Note: SG_BKGD is combination of Wells - WNW0301, WNW0401, and WNW0706

Appendix F

**Soil Program Data from BH-25, BH-29,
BH-30, BH-38, ST-26, ST-37, and ST-38**

THIS PAGE INTENTIONALLY LEFT BLANK

LLWSA Borehole Metals Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	Depth
BH-25	Aluminum	09/20/93	13700000.00	ug/kg	RFI-00343		(00-02')
BH-25	Aluminum	09/20/93	7480000.00	ug/kg	RFI-00344		(12-14')
BH-25	Antimony	09/20/93	ND 1500.00	ug/kg	RFI-00343	UJ	(00-02')
BH-25	Antimony	09/20/93	ND 1460.00	ug/kg	RFI-00344	UJ	(12-14')
BH-25	Arsenic	09/20/93	3150.00	ug/kg	RFI-00343	J	(00-02')
BH-25	Arsenic	09/20/93	5040.00	ug/kg	RFI-00344	J	(12-14')
BH-25	Barium	09/20/93	94400.00	ug/kg	RFI-00343		(00-02')
BH-25	Barium	09/20/93	48900.00	ug/kg	RFI-00344		(12-14')
BH-25	Beryllium	09/20/93	593.00	ug/kg	RFI-00343		(00-02')
BH-25	Beryllium	09/20/93	330.00	ug/kg	RFI-00344		(12-14')
BH-25	Cadmium	09/20/93	272.00	ug/kg	RFI-00343		(00-02')
BH-25	Cadmium	09/20/93	ND 244.00	ug/kg	RFI-00344		(12-14')
BH-25	Calcium	09/20/93	3940000.00	ug/kg	RFI-00343		(00-02')
BH-25	Calcium	09/20/93	1320000.00	ug/kg	RFI-00344		(12-14')
BH-25	Chromium	09/20/93	14200.00	ug/kg	RFI-00343		(00-02')
BH-25	Chromium	09/20/93	9400.00	ug/kg	RFI-00344		(12-14')
BH-25	Cobalt	09/20/93	8560.00	ug/kg	RFI-00343		(00-02')
BH-25	Cobalt	09/20/93	5990.00	ug/kg	RFI-00344		(12-14')
BH-25	Copper	09/20/93	16500.00	ug/kg	RFI-00343		(00-02')
BH-25	Copper	09/20/93	18700.00	ug/kg	RFI-00344		(12-14')
BH-25	Iron	09/20/93	21100000.00	ug/kg	RFI-00343		(00-02')
BH-25	Iron	09/20/93	17100000.00	ug/kg	RFI-00344		(12-14')
BH-25	Lead	09/20/93	26900.00	ug/kg	RFI-00343		(00-02')
BH-25	Lead	09/20/93	14200.00	ug/kg	RFI-00344		(12-14')
BH-25	Magnesium	09/20/93	3180000.00	ug/kg	RFI-00343		(00-02')
BH-25	Magnesium	09/20/93	2490000.00	ug/kg	RFI-00344		(12-14')
BH-25	Manganese	09/20/93	730000.00	ug/kg	RFI-00343	J	(00-02')
BH-25	Manganese	09/20/93	316000.00	ug/kg	RFI-00344	J	(12-14')
BH-25	Mercury	09/20/93	88.70	ug/kg	RFI-00343		(00-02')
BH-25	Mercury	09/20/93	29.80	ug/kg	RFI-00344		(12-14')
BH-25	Nickel	09/20/93	17000.00	ug/kg	RFI-00343		(00-02')
BH-25	Nickel	09/20/93	15300.00	ug/kg	RFI-00344		(12-14')
BH-25	Potassium	09/20/93	1230000.00	ug/kg	RFI-00343		(00-02')
BH-25	Potassium	09/20/93	875000.00	ug/kg	RFI-00344		(12-14')
BH-25	Selenium	09/20/93	ND 127.00	ug/kg	RFI-00343	UJ	(00-02')
BH-25	Selenium	09/20/93	ND 113.00	ug/kg	RFI-00344	UJ	(12-14')
BH-25	Silver	09/20/93	ND 375.00	ug/kg	RFI-00343		(00-02')
BH-25	Silver	09/20/93	ND 365.00	ug/kg	RFI-00344		(12-14')
BH-25	Sodium	09/20/93	85000.00	ug/kg	RFI-00343		(00-02')
BH-25	Sodium	09/20/93	103000.00	ug/kg	RFI-00344		(12-14')
BH-25	Thallium	09/20/93	ND 127.00	ug/kg	RFI-00343		(00-02')
BH-25	Thallium	09/20/93	ND 113.00	ug/kg	RFI-00344		(12-14')
BH-25	Vanadium	09/20/93	18300.00	ug/kg	RFI-00343		(00-02')

LLWSA Borehole Metals Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	Depth
BH-25	Vanadium	09/20/93	8760.00	ug/kg	RFI-00344		(12-14')
BH-25	Zinc	09/20/93	88200.00	ug/kg	RFI-00343		(00-02')
BH-25	Zinc	09/20/93	64400.00	ug/kg	RFI-00344		(12-14')
BH-29	Aluminum	10/26/93	6600000.00	ug/kg	RFI-00671	J	(00-02')
BH-29	Aluminum	10/26/93	8820000.00	ug/kg	RFI-00742	J	(06-08')
BH-29	Aluminum	10/27/93	11500000.00	ug/kg	RFI-00743	J	(10-12')
BH-29	Antimony	10/26/93	2430.00	ug/kg	RFI-00671	J	(00-02')
BH-29	Antimony	10/26/93	ND 1350.00	ug/kg	RFI-00742	UJ	(06-08')
BH-29	Antimony	10/27/93	2880.00	ug/kg	RFI-00743	J	(10-12')
BH-29	Arsenic	10/26/93	5770.00	ug/kg	RFI-00671	J	(00-02')
BH-29	Arsenic	10/26/93	4210.00	ug/kg	RFI-00742	J	(06-08')
BH-29	Arsenic	10/27/93	7210.00	ug/kg	RFI-00743	J	(10-12')
BH-29	Barium	10/26/93	45100.00	ug/kg	RFI-00671		(00-02')
BH-29	Barium	10/26/93	70200.00	ug/kg	RFI-00742		(06-08')
BH-29	Barium	10/27/93	103000.00	ug/kg	RFI-00743	J	(10-12')
BH-29	Beryllium	10/26/93	318.00	ug/kg	RFI-00671		(00-02')
BH-29	Beryllium	10/26/93	399.00	ug/kg	RFI-00742		(06-08')
BH-29	Beryllium	10/27/93	576.00	ug/kg	RFI-00743		(10-12')
BH-29	Cadmium	10/26/93	ND 216.00	ug/kg	RFI-00671		(00-02')
BH-29	Cadmium	10/26/93	ND 225.00	ug/kg	RFI-00742		(06-08')
BH-29	Cadmium	10/27/93	ND 226.00	ug/kg	RFI-00743		(10-12')
BH-29	Calcium	10/26/93	37900000.00	ug/kg	RFI-00671	J	(00-02')
BH-29	Calcium	10/26/93	1340000.00	ug/kg	RFI-00742	J	(06-08')
BH-29	Calcium	10/27/93	23700000.00	ug/kg	RFI-00743	J	(10-12')
BH-29	Chromium	10/26/93	8690.00	ug/kg	RFI-00671		(00-02')
BH-29	Chromium	10/26/93	9860.00	ug/kg	RFI-00742		(06-08')
BH-29	Chromium	10/27/93	16100.00	ug/kg	RFI-00743		(10-12')
BH-29	Cobalt	10/26/93	6960.00	ug/kg	RFI-00671		(00-02')
BH-29	Cobalt	10/26/93	8070.00	ug/kg	RFI-00742		(06-08')
BH-29	Cobalt	10/27/93	11400.00	ug/kg	RFI-00743		(10-12')
BH-29	Copper	10/26/93	42500.00	ug/kg	RFI-00671		(00-02')
BH-29	Copper	10/26/93	18000.00	ug/kg	RFI-00742		(06-08')
BH-29	Copper	10/27/93	21400.00	ug/kg	RFI-00743	J	(10-12')
BH-29	Iron	10/26/93	19500000.00	ug/kg	RFI-00671	J	(00-02')
BH-29	Iron	10/26/93	22200000.00	ug/kg	RFI-00742	J	(06-08')
BH-29	Iron	10/27/93	25400000.00	ug/kg	RFI-00743	J	(10-12')
BH-29	Lead	10/26/93	20300.00	ug/kg	RFI-00671		(00-02')
BH-29	Lead	10/26/93	27600.00	ug/kg	RFI-00742		(06-08')
BH-29	Lead	10/27/93	14400.00	ug/kg	RFI-00743		(10-12')
BH-29	Magnesium	10/26/93	16100000.00	ug/kg	RFI-00671	J	(00-02')
BH-29	Magnesium	10/26/93	2560000.00	ug/kg	RFI-00742	J	(06-08')
BH-29	Magnesium	10/27/93	8520000.00	ug/kg	RFI-00743	J	(10-12')
BH-29	Manganese	10/26/93	382000.00	ug/kg	RFI-00671	J	(00-02')

LLWSA Borehole Metals Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	Depth
BH-29	Manganese	10/26/93	515000.00	ug/kg	RFI-00742	J	(06-08')
BH-29	Manganese	10/27/93	506000.00	ug/kg	RFI-00743	J	(10-12')
BH-29	Mercury	10/26/93	20.30	ug/kg	RFI-00671		(00-02')
BH-29	Mercury	10/26/93	23.20	ug/kg	RFI-00742		(06-08')
BH-29	Mercury	10/27/93	16.40	ug/kg	RFI-00743		(10-12')
BH-29	Nickel	10/26/93	18000.00	ug/kg	RFI-00671		(00-02')
BH-29	Nickel	10/26/93	15400.00	ug/kg	RFI-00742		(06-08')
BH-29	Nickel	10/27/93	27200.00	ug/kg	RFI-00743		(10-12')
BH-29	Potassium	10/26/93	779000.00	ug/kg	RFI-00671		(00-02')
BH-29	Potassium	10/26/93	546000.00	ug/kg	RFI-00742		(06-08')
BH-29	Potassium	10/27/93	1900000.00	ug/kg	RFI-00743		(10-12')
BH-29	Selenium	10/26/93	ND 106.00	ug/kg	RFI-00671	UJ	(00-02')
BH-29	Selenium	10/26/93	ND 104.00	ug/kg	RFI-00742	UJ	(06-08')
BH-29	Selenium	10/27/93	ND 113.00	ug/kg	RFI-00743	UJ	(10-12')
BH-29	Silver	10/26/93	ND 323.00	ug/kg	RFI-00671		(00-02')
BH-29	Silver	10/26/93	ND 338.00	ug/kg	RFI-00742		(06-08')
BH-29	Silver	10/27/93	ND 339.00	ug/kg	RFI-00743		(10-12')
BH-29	Sodium	10/26/93	75800.00	ug/kg	RFI-00671		(00-02')
BH-29	Sodium	10/26/93	44300.00	ug/kg	RFI-00742		(06-08')
BH-29	Sodium	10/27/93	99700.00	ug/kg	RFI-00743		(10-12')
BH-29	Thallium	10/26/93	ND 106.00	ug/kg	RFI-00671	UJ	(00-02')
BH-29	Thallium	10/26/93	ND 104.00	ug/kg	RFI-00742	UJ	(06-08')
BH-29	Thallium	10/27/93	ND 565.00	ug/kg	RFI-00743	UJ	(10-12')
BH-29	Vanadium	10/26/93	10300.00	ug/kg	RFI-00671		(00-02')
BH-29	Vanadium	10/26/93	10600.00	ug/kg	RFI-00742		(06-08')
BH-29	Vanadium	10/27/93	16300.00	ug/kg	RFI-00743		(10-12')
BH-29	Zinc	10/26/93	110000.00	ug/kg	RFI-00671	J	(00-02')
BH-29	Zinc	10/26/93	56700.00	ug/kg	RFI-00742	J	(06-08')
BH-29	Zinc	10/27/93	62400.00	ug/kg	RFI-00743	J	(10-12')
BH-30	Aluminum	10/27/93	10800000.00	ug/kg	RFI-00744	J	(10-12')
BH-30	Antimony	10/27/93	2650.00	ug/kg	RFI-00744	J	(10-12')
BH-30	Arsenic	10/27/93	6210.00	ug/kg	RFI-00744	J	(10-12')
BH-30	Barium	10/27/93	78300.00	ug/kg	RFI-00744	J	(10-12')
BH-30	Beryllium	10/27/93	445.00	ug/kg	RFI-00744		(10-12')
BH-30	Cadmium	10/27/93	ND 231.00	ug/kg	RFI-00744		(10-12')
BH-30	Calcium	10/27/93	1910000.00	ug/kg	RFI-00744	J	(10-12')
BH-30	Chromium	10/27/93	14200.00	ug/kg	RFI-00744		(10-12')
BH-30	Cobalt	10/27/93	7810.00	ug/kg	RFI-00744		(10-12')
BH-30	Copper	10/27/93	19800.00	ug/kg	RFI-00744	J	(10-12')
BH-30	Iron	10/27/93	24000000.00	ug/kg	RFI-00744	J	(10-12')
BH-30	Lead	10/27/93	13500.00	ug/kg	RFI-00744		(10-12')
BH-30	Magnesium	10/27/93	3460000.00	ug/kg	RFI-00744	J	(10-12')

LLWSA Borehole Metals Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	Depth
BH-30	Manganese	10/27/93	364000.00	ug/kg	RFI-00744	J	(10-12')
BH-30	Mercury	10/27/93	22.30	ug/kg	RFI-00744		(10-12')
BH-30	Nickel	10/27/93	19600.00	ug/kg	RFI-00744		(10-12')
BH-30	Potassium	10/27/93	1140000.00	ug/kg	RFI-00744		(10-12')
BH-30	Selenium	10/27/93	ND 231.00	ug/kg	RFI-00744	UJ	(10-12')
BH-30	Silver	10/27/93	ND 346.00	ug/kg	RFI-00744		(10-12')
BH-30	Sodium	10/27/93	43300.00	ug/kg	RFI-00744		(10-12')
BH-30	Thallium	10/27/93	ND 577.00	ug/kg	RFI-00744	UJ	(10-12')
BH-30	Vanadium	10/27/93	14100.00	ug/kg	RFI-00744		(10-12')
BH-30	Zinc	10/27/93	85400.00	ug/kg	RFI-00744	J	(10-12')

Background

BH-38	Aluminum	10/26/93	13900000.00	ug/kg	RFI-00668	J	(00-02')
BH-38	Aluminum	10/26/93	12500000.00	ug/kg	RFI-00669	J	(12-14')
BH-38	Aluminum	10/26/93	14000000.00	ug/kg	RFI-00670	J	(26-28')
BH-38	Antimony	10/26/93	2540.00	ug/kg	RFI-00668	J	(00-02')
BH-38	Antimony	10/26/93	2040.00	ug/kg	RFI-00669	J	(12-14')
BH-38	Antimony	10/26/93	2280.00	ug/kg	RFI-00670	J	(26-28')
BH-38	Arsenic	10/26/93	5350.00	ug/kg	RFI-00668	J	(00-02')
BH-38	Arsenic	10/26/93	6060.00	ug/kg	RFI-00669	J	(12-14')
BH-38	Arsenic	10/26/93	5090.00	ug/kg	RFI-00670	J	(26-28')
BH-38	Barium	10/26/93	105000.00	ug/kg	RFI-00668		(00-02')
BH-38	Barium	10/26/93	139000.00	ug/kg	RFI-00669		(12-14')
BH-38	Barium	10/26/93	151000.00	ug/kg	RFI-00670		(26-28')
BH-38	Beryllium	10/26/93	657.00	ug/kg	RFI-00668		(00-02')
BH-38	Beryllium	10/26/93	602.00	ug/kg	RFI-00669		(12-14')
BH-38	Beryllium	10/26/93	691.00	ug/kg	RFI-00670		(26-28')
BH-38	Cadmium	10/26/93	ND 228.00	ug/kg	RFI-00668		(00-02')
BH-38	Cadmium	10/26/93	ND 226.00	ug/kg	RFI-00669		(12-14')
BH-38	Cadmium	10/26/93	ND 247.00	ug/kg	RFI-00670		(26-28')
BH-38	Calcium	10/26/93	29400000.00	ug/kg	RFI-00668	J	(00-02')
BH-38	Calcium	10/26/93	17400000.00	ug/kg	RFI-00669	J	(12-14')
BH-38	Calcium	10/26/93	29400000.00	ug/kg	RFI-00670	J	(26-28')
BH-38	Chromium	10/26/93	17900.00	ug/kg	RFI-00668	J	(00-02')
BH-38	Chromium	10/26/93	16000.00	ug/kg	RFI-00669		(12-14')
BH-38	Chromium	10/26/93	19700.00	ug/kg	RFI-00670	J	(26-28')
BH-38	Cobalt	10/26/93	11500.00	ug/kg	RFI-00668		(00-02')
BH-38	Cobalt	10/26/93	11200.00	ug/kg	RFI-00669		(12-14')
BH-38	Cobalt	10/26/93	13200.00	ug/kg	RFI-00670		(26-28')
BH-38	Copper	10/26/93	20500.00	ug/kg	RFI-00668		(00-02')
BH-38	Copper	10/26/93	24800.00	ug/kg	RFI-00669		(12-14')
BH-38	Copper	10/26/93	23500.00	ug/kg	RFI-00670		(26-28')

RFI:0003012.RM

LLWSA Borehole Metals Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	Depth
BH-38	Iron	10/26/93	25200000.00	ug/kg	RFI-00668	J	(00-02')
BH-38	Iron	10/26/93	26800000.00	ug/kg	RFI-00669	J	(12-14')
BH-38	Iron	10/26/93	28000000.00	ug/kg	RFI-00670	J	(26-28')
BH-38	Lead	10/26/93	14200.00	ug/kg	RFI-00668		(00-02')
BH-38	Lead	10/26/93	14000.00	ug/kg	RFI-00669		(12-14')
BH-38	Lead	10/26/93	16700.00	ug/kg	RFI-00670		(26-28')
BH-38	Magnesium	10/26/93	10800000.00	ug/kg	RFI-00668	J	(00-02')
BH-38	Magnesium	10/26/93	6050000.00	ug/kg	RFI-00669	J	(12-14')
BH-38	Magnesium	10/26/93	10800000.00	ug/kg	RFI-00670	J	(26-28')
BH-38	Manganese	10/26/93	476000.00	ug/kg	RFI-00668	J	(00-02')
BH-38	Manganese	10/26/93	486000.00	ug/kg	RFI-00669	J	(12-14')
BH-38	Manganese	10/26/93	433000.00	ug/kg	RFI-00670	J	(26-28')
BH-38	Mercury	10/26/93	18.20	ug/kg	RFI-00668		(00-02')
BH-38	Mercury	10/26/93	19.70	ug/kg	RFI-00669		(12-14')
BH-38	Mercury	10/26/93	21.20	ug/kg	RFI-00670		(26-28')
BH-38	Nickel	10/26/93	27300.00	ug/kg	RFI-00668		(00-02')
BH-38	Nickel	10/26/93	27000.00	ug/kg	RFI-00669		(12-14')
BH-38	Nickel	10/26/93	32600.00	ug/kg	RFI-00670		(26-28')
BH-38	Potassium	10/26/93	2980000.00	ug/kg	RFI-00668		(00-02')
BH-38	Potassium	10/26/93	1700000.00	ug/kg	RFI-00669		(12-14')
BH-38	Potassium	10/26/93	2580000.00	ug/kg	RFI-00670		(26-28')
BH-38	Selenium	10/26/93	ND 114.00	ug/kg	RFI-00668	UJ	(00-02')
BH-38	Selenium	10/26/93	ND 107.00	ug/kg	RFI-00669	UJ	(12-14')
BH-38	Selenium	10/26/93	ND 125.00	ug/kg	RFI-00670	UJ	(26-28')
BH-38	Silver	10/26/93	ND 342.00	ug/kg	RFI-00668		(00-02')
BH-38	Silver	10/26/93	ND 339.00	ug/kg	RFI-00669		(12-14')
BH-38	Silver	10/26/93	ND 370.00	ug/kg	RFI-00670		(26-28')
BH-38	Sodium	10/26/93	136000.00	ug/kg	RFI-00668	J	(00-02')
BH-38	Sodium	10/26/93	76200.00	ug/kg	RFI-00669		(12-14')
BH-38	Sodium	10/26/93	127000.00	ug/kg	RFI-00670	J	(26-28')
BH-38	Thallium	10/26/93	ND 114.00	ug/kg	RFI-00668	UJ	(00-02')
BH-38	Thallium	10/26/93	ND 107.00	ug/kg	RFI-00669	UJ	(12-14')
BH-38	Thallium	10/26/93	ND 125.00	ug/kg	RFI-00670	UJ	(26-28')
BH-38	Vanadium	10/26/93	21300.00	ug/kg	RFI-00668	J	(00-02')
BH-38	Vanadium	10/26/93	16900.00	ug/kg	RFI-00669	J	(12-14')
BH-38	Vanadium	10/26/93	20900.00	ug/kg	RFI-00670	J	(26-28')
BH-38	Zinc	10/26/93	60000.00	ug/kg	RFI-00668	J	(00-02')
BH-38	Zinc	10/26/93	80000.00	ug/kg	RFI-00669	J	(12-14')
BH-38	Zinc	10/26/93	65800.00	ug/kg	RFI-00670	J	(26-28')

LLWSA - Borehole Semivolatiles Data

Location	Parmeter	Samp_Date	Result	Units	Sample ID	Flags	Depth
BH-25R	acnphthe	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	acnphthy	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	anthracn	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	bis2ceth	12/14/93	ND	359.50	ug/kg	RFI-01092	UJ(12-14')
BH-25R	bis2cexy	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	bis2clis	12/14/93	ND	359.50	ug/kg	RFI-01092	UJ(12-14')
BH-25R	bis2ehex	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	bnz_a_an	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	bnz_a_py	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	bnz_b_fl	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	bnz_k_fl	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	bnzghipr	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	brppeth4	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	butbnzph	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	carbazol	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	chppeth4	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	chrysene	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	clnaph2	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	clphen_2	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	dbahanth	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	dcb_33	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	dibznzfur	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	diclph24	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	diethyph	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	dimthp24	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	dimthyph	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	dinbutph	12/14/93		128.10	ug/kg	RFI-01092	J(12-14')
BH-25R	dinoctph	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	dintrp24	12/14/93	ND	907.80	ug/kg	RFI-01092	(12-14')
BH-25R	dintrt24	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	dintrt26	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	dntcr46	12/14/93	ND	907.80	ug/kg	RFI-01092	(12-14')
BH-25R	firanthn	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	fluorene	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	hexclbnz	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	hexclbut	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	hexcleth	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	hexclpen	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	indnpyre	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	isophron	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	m_dclbnz	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	m_ntranl	12/14/93	ND	907.80	ug/kg	RFI-01092	(12-14')
BH-25R	mthyph2	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')

LLWSA - Borehole Semivolatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	Depth
BH-25R	naphthal	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	nntrphny	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	nntrprpy	12/14/93	ND	359.50	ug/kg	RFI-01092	UJ(12-14')
BH-25R	ntrobenz	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	o_cresol	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	o_dclbnz	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	o_ntranl	12/14/93	ND	907.80	ug/kg	RFI-01092	UJ(12-14')
BH-25R	o_ntrphn	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	p_cresol	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	p_dclbnz	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	p_ntranl	12/14/93	ND	907.80	ug/kg	RFI-01092	UJ(12-14')
BH-25R	p_ntrphn	12/14/93	ND	907.80	ug/kg	RFI-01092	(12-14')
BH-25R	pclranil	12/14/93	ND	359.50	ug/kg	RFI-01092	UJ(12-14')
BH-25R	pclrmers	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	phenol	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	phnanthr	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	pntclphn	12/14/93	ND	907.80	ug/kg	RFI-01092	(12-14')
BH-25R	pyrene	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	tcb_124	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	tclph245	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-25R	tclph246	12/14/93	ND	359.50	ug/kg	RFI-01092	(12-14')
BH-38	acnphthe	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	acnphthe	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	acnphthy	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	acnphthy	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	anthracn	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	anthracn	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	bis2ceth	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	bis2ceth	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	bis2cexy	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	bis2cexy	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	bis2clis	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	bis2clis	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	bis2ehex	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	bis2ehex	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	bnz_a_an	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	bnz_a_an	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	bnz_a_py	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	bnz_a_py	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	bnz_b_fl	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	bnz_b_fl	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	bnz_k_fl	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')

LLWSA - Borehole Semivolatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	Depth
BH-38	bnz_k_fl	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	bnzghipr	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	bnzghipr	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	brppeth4	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	brppeth4	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	butbnzph	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	butbnzph	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	carbazol	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	carbazol	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	chppeth4	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	chppeth4	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	chrysene	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	chrysene	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	clnapht2	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	clnapht2	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	clphen_2	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	clphen_2	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	dbahanth	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	dbahanth	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	dcb_33	10/26/93	ND	378.30	ug/kg	RFI-00607	UJ(12-14')
BH-38	dcb_33	10/26/93	ND	402.30	ug/kg	RFI-00608	UJ(26-28')
BH-38	dibnzfur	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	dibnzfur	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	diclph24	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	diclph24	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	diethyph	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	diethyph	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	dimthp24	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	dimthp24	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	dimthyph	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	dimthyph	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	dinbutph	10/26/93		229.30	ug/kg	RFI-00607	UJ(12-14')
BH-38	dinbutph	10/26/93		287.40	ug/kg	RFI-00608	UJ(26-28')
BH-38	dinoctph	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	dinoctph	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	dintrp24	10/26/93	ND	920.00	ug/kg	RFI-00607	(12-14')
BH-38	dintrp24	10/26/93	ND	980.00	ug/kg	RFI-00608	(26-28')
BH-38	dintrt24	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	dintrt24	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	dintrt26	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	dintrt26	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	dntcr46	10/26/93	ND	920.00	ug/kg	RFI-00607	(12-14')
BH-38	dntcr46	10/26/93	ND	980.00	ug/kg	RFI-00608	(26-28')

LLWSA - Borehole Semivolatiles Data

Location	Parameter	Samp_Date		Result	Units	Sample ID	Flags	Depth
BH-38	flranthn	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	flranthn	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	fluorene	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	fluorene	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	hexacdio	10/26/93		200.00	ug/kg	RFI-00607		J(12-14')
BH-38	hexacdio	10/26/93		1000.00	ug/kg	RFI-00608		J(26-28')
BH-38	hexclbnz	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	hexclbnz	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	hexclbut	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	hexclbut	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	hexcleth	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	hexcleth	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	hexclpen	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	hexclpen	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	indnpyre	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	indnpyre	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	isophron	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	isophron	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	m_dclbnz	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	m_dclbnz	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	m_ntranl	10/26/93	ND	920.00	ug/kg	RFI-00607		(12-14')
BH-38	m_ntranl	10/26/93	ND	980.00	ug/kg	RFI-00608		(26-28')
BH-38	mthynph2	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	mthynph2	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	naphthal	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	naphthal	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	nnttrphny	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	nnttrphny	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	nnttrprpy	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	nnttrprpy	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	ntrobenz	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	ntrobenz	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	o_cresol	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	o_cresol	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	o_dclbnz	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	o_dclbnz	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	o_ntranl	10/26/93	ND	920.00	ug/kg	RFI-00607		(12-14')
BH-38	o_ntranl	10/26/93	ND	980.00	ug/kg	RFI-00608		(26-28')
BH-38	o_ntrphn	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	o_ntrphn	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	p_cresol	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')
BH-38	p_cresol	10/26/93	ND	402.30	ug/kg	RFI-00608		(26-28')
BH-38	p_dclbnz	10/26/93	ND	378.30	ug/kg	RFI-00607		(12-14')

LLWSA - Borehole Semivolatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	Depth
BH-38	p_dclbnz	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	p_ntranl	10/26/93	ND	920.00	ug/kg	RFI-00607	(12-14')
BH-38	p_ntranl	10/26/93	ND	980.00	ug/kg	RFI-00608	(26-28')
BH-38	p_ntrphn	10/26/93	ND	920.00	ug/kg	RFI-00607	(12-14')
BH-38	p_ntrphn	10/26/93	ND	980.00	ug/kg	RFI-00608	(26-28')
BH-38	pclrnil	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	pclrnil	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	pclrncrs	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	pclrncrs	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	phenol	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	phenol	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	phnanthr	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	phnanthr	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	pntclphn	10/26/93	ND	920.00	ug/kg	RFI-00607	(12-14')
BH-38	pntclphn	10/26/93	ND	980.00	ug/kg	RFI-00608	(26-28')
BH-38	pyrene	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	pyrene	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	tcb_124	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	tcb_124	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	tciph245	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	tciph245	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')
BH-38	tciph246	10/26/93	ND	378.30	ug/kg	RFI-00607	(12-14')
BH-38	tciph246	10/26/93	ND	402.30	ug/kg	RFI-00608	(26-28')

LLWSA - Borehole Volatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	Depth
BH-25	acetone	09/20/93	ND	12.00	ug/kg	RFI-00312	(12-14')
BH-25	benzene	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	br_meth	09/20/93	ND	11.80	ug/kg	RFI-00312	(12-14')
BH-25	brdcmeth	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	brform	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	c_13_dcp	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	ccl4	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	cl_benz	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	cl_eth	09/20/93	ND	11.80	ug/kg	RFI-00312	(12-14')
BH-25	cl_form	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	cl_meth	09/20/93	ND	11.80	ug/kg	RFI-00312	(12-14')
BH-25	cs2	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	dbc_meth	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	dca_11	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	dca_12	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	dce_11	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	dce_12_t	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	dcp_12	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	eth_benz	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	hexnone2	09/20/93	ND	12.00	ug/kg	RFI-00312	(12-14')
BH-25	mek	09/20/93	ND	11.80	ug/kg	RFI-00312	(12-14')
BH-25	mene_cl	09/20/93		5.20	ug/kg	RFI-00312	UJ(12-14')
BH-25	mibk	09/20/93	ND	11.80	ug/kg	RFI-00312	(12-14')
BH-25	styrene	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	t_13_dcp	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	tca_111	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	tca_112	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	tca_1122	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	tetcleth	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	toluene	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	tricleth	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-25	vnyl_cl	09/20/93	ND	11.80	ug/kg	RFI-00312	(12-14')
BH-25	xylene	09/20/93	ND	5.90	ug/kg	RFI-00312	(12-14')
BH-29	acetone	10/26/93	ND	11.00	ug/kg	RFI-00697	UJ(06-08')
BH-29	acetone	10/27/93	ND	12.00	ug/kg	RFI-00699	UJ(10-12')
BH-29	benzene	10/26/93	ND	5.70	ug/kg	RFI-00697	(06-08')
BH-29	benzene	10/27/93	ND	6.10	ug/kg	RFI-00699	(10-12')
BH-29	br_meth	10/26/93	ND	11.40	ug/kg	RFI-00697	(06-08')
BH-29	br_meth	10/27/93	ND	12.10	ug/kg	RFI-00699	(10-12')
BH-29	brdcmeth	10/26/93	ND	5.70	ug/kg	RFI-00697	(06-08')
BH-29	brdcmeth	10/27/93	ND	6.10	ug/kg	RFI-00699	(10-12')
BH-29	brform	10/26/93	ND	5.70	ug/kg	RFI-00697	(06-08')

LLWSA - Borehole Volatiles Data

Location	Parameter	Samp_Date		Result	Units	Sample ID	Flags	Depth
BH-29	brform	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	c_13_dcp	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	c_13_dcp	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	ccl4	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	ccl4	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	cl_benz	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	cl_benz	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	cl_eth	10/26/93	ND	11.40	ug/kg	RFI-00697		UJ(06-08')
BH-29	cl_eth	10/27/93	ND	12.10	ug/kg	RFI-00699		UJ(10-12')
BH-29	cl_form	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	cl_form	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	cl_meth	10/26/93	ND	11.40	ug/kg	RFI-00697		(06-08')
BH-29	cl_meth	10/27/93	ND	12.10	ug/kg	RFI-00699		(10-12')
BH-29	cs2	10/26/93	ND	5.70	ug/kg	RFI-00697		UJ(06-08')
BH-29	cs2	10/27/93	ND	6.10	ug/kg	RFI-00699		UJ(10-12')
BH-29	dbc_meth	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	dbc_meth	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	dca_11	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	dca_11	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	dca_12	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	dca_12	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	dce_11	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	dce_11	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	dce_12_t	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	dce_12_t	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	dcp_12	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	dcp_12	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	eth_benz	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	eth_benz	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	hexnone2	10/26/93	ND	11.00	ug/kg	RFI-00697		(06-08')
BH-29	hexnone2	10/27/93	ND	12.00	ug/kg	RFI-00699		(10-12')
BH-29	mek	10/26/93	ND	11.40	ug/kg	RFI-00697		(06-08')
BH-29	mek	10/27/93	ND	12.10	ug/kg	RFI-00699		(10-12')
BH-29	mene_cl	10/26/93		10.10	ug/kg	RFI-00697		UJ(06-08')
BH-29	mene_cl	10/27/93		8.50	ug/kg	RFI-00699		UJ(10-12')
BH-29	mibk	10/26/93	ND	11.40	ug/kg	RFI-00697		(06-08')
BH-29	mibk	10/27/93	ND	12.10	ug/kg	RFI-00699		(10-12')
BH-29	styrene	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	styrene	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	t_13_dcp	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	t_13_dcp	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	tca_111	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	tca_111	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')

LLWSA - Borehole Volatiles Data

Location	Parameter	Samp_Date		Result	Units	Sample ID	Flags	Depth
BH-29	tca_112	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	tca_112	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	tca_1122	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	tca_1122	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	tetcleth	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	tetcleth	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	toluene	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	toluene	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	tricleth	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	tricleth	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-29	vnyl_cl	10/26/93	ND	11.40	ug/kg	RFI-00697		(06-08')
BH-29	vnyl_cl	10/27/93	ND	12.10	ug/kg	RFI-00699		(10-12')
BH-29	xylene	10/26/93	ND	5.70	ug/kg	RFI-00697		(06-08')
BH-29	xylene	10/27/93	ND	6.10	ug/kg	RFI-00699		(10-12')
BH-30	acetone	10/27/93	ND	11.00	ug/kg	RFI-00700		UJ(10-12')
BH-30	benzene	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	br_meth	10/27/93	ND	11.30	ug/kg	RFI-00700		(10-12')
BH-30	brdcmeth	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	brform	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	c_13_dcp	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	ccl4	10/27/93		1.30	ug/kg	RFI-00700		J(10-12')
BH-30	cl_benz	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	cl_eth	10/27/93	ND	11.30	ug/kg	RFI-00700		UJ(10-12')
BH-30	cl_form	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	cl_meth	10/27/93	ND	11.30	ug/kg	RFI-00700		(10-12')
BH-30	cs2	10/27/93	ND	5.60	ug/kg	RFI-00700		UJ(10-12')
BH-30	dbc_meth	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	dca_11	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	dca_12	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	dce_11	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	dce_12_t	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	dcp_12	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	eth_benz	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	hexnone2	10/27/93	ND	11.00	ug/kg	RFI-00700		(10-12')
BH-30	mek	10/27/93	ND	11.30	ug/kg	RFI-00700		(10-12')
BH-30	mene_cl	10/27/93		14.70	ug/kg	RFI-00700		UJ(10-12')
BH-30	mibk	10/27/93	ND	11.30	ug/kg	RFI-00700		(10-12')
BH-30	styrene	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	t_13_dcp	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	tca_111	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	tca_112	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')
BH-30	tca_1122	10/27/93	ND	5.60	ug/kg	RFI-00700		(10-12')

LLWSA - Borehole Volatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	Depth
BH-30	tetcleth	10/27/93	ND	5.60	ug/kg	RFI-00700	(10-12')
BH-30	toluene	10/27/93	ND	5.60	ug/kg	RFI-00700	(10-12')
BH-30	tricleth	10/27/93	ND	5.60	ug/kg	RFI-00700	(10-12')
BH-30	vnyl_cl	10/27/93	ND	11.30	ug/kg	RFI-00700	(10-12')
BH-30	xylene	10/27/93	ND	5.60	ug/kg	RFI-00700	(10-12')
BH-38	acetone	10/26/93	ND	11.00	ug/kg	RFI-00694	UJ(12-14')
BH-38	acetone	10/26/93	ND	13.00	ug/kg	RFI-00695	UJ(26-28')
BH-38	benzene	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	benzene	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	br_meth	10/26/93	ND	10.90	ug/kg	RFI-00694	(12-14')
BH-38	br_meth	10/26/93	ND	12.60	ug/kg	RFI-00695	(26-28')
BH-38	brdcmeth	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	brdcmeth	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	brform	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	brform	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	c_13_dcp	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	c_13_dcp	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	ccl4	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	ccl4	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	cl_benz	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	cl_benz	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	cl_eth	10/26/93	ND	10.90	ug/kg	RFI-00694	UJ(12-14')
BH-38	cl_eth	10/26/93	ND	12.60	ug/kg	RFI-00695	UJ(26-28')
BH-38	cl_form	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	cl_form	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	cl_meth	10/26/93	ND	10.90	ug/kg	RFI-00694	(12-14')
BH-38	cl_meth	10/26/93	ND	12.60	ug/kg	RFI-00695	(26-28')
BH-38	cs2	10/26/93	ND	5.40	ug/kg	RFI-00694	UJ(12-14')
BH-38	cs2	10/26/93	ND	6.30	ug/kg	RFI-00695	UJ(26-28')
BH-38	dbc_meth	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	dbc_meth	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	dca_11	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	dca_11	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	dca_12	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	dca_12	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	dce_11	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	dce_11	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	dce_12_t	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	dce_12_t	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	dcp_12	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')
BH-38	dcp_12	10/26/93	ND	6.30	ug/kg	RFI-00695	(26-28')
BH-38	eth_benz	10/26/93	ND	5.40	ug/kg	RFI-00694	(12-14')

LLWSA - Borehole Volatiles Data

Location	Parameter	Samp_Date		Result	Units	Sample ID	Flags	Depth
BH-38	eth_benz	10/26/93	ND	6.30	ug/kg	RFI-00695		(26-28')
BH-38	hexnone2	10/26/93	ND	11.00	ug/kg	RFI-00694		(12-14')
BH-38	hexnone2	10/26/93	ND	13.00	ug/kg	RFI-00695		(26-28')
BH-38	mek	10/26/93	ND	10.90	ug/kg	RFI-00694		(12-14')
BH-38	mek	10/26/93	ND	12.60	ug/kg	RFI-00695		(26-28')
BH-38	mene_cl	10/26/93		7.60	ug/kg	RFI-00694		UJ(12-14')
BH-38	mene_cl	10/26/93		8.40	ug/kg	RFI-00695		UJ(26-28')
BH-38	mibk	10/26/93	ND	10.90	ug/kg	RFI-00694		(12-14')
BH-38	mibk	10/26/93	ND	12.60	ug/kg	RFI-00695		(26-28')
BH-38	styrene	10/26/93	ND	5.40	ug/kg	RFI-00694		(12-14')
BH-38	styrene	10/26/93	ND	6.30	ug/kg	RFI-00695		(26-28')
BH-38	t_13_dcp	10/26/93	ND	5.40	ug/kg	RFI-00694		(12-14')
BH-38	t_13_dcp	10/26/93	ND	6.30	ug/kg	RFI-00695		(26-28')
BH-38	tca_111	10/26/93	ND	5.40	ug/kg	RFI-00694		(12-14')
BH-38	tca_111	10/26/93	ND	6.30	ug/kg	RFI-00695		(26-28')
BH-38	tca_112	10/26/93	ND	5.40	ug/kg	RFI-00694		(12-14')
BH-38	tca_112	10/26/93	ND	6.30	ug/kg	RFI-00695		(26-28')
BH-38	tca_1122	10/26/93	ND	5.40	ug/kg	RFI-00694		(12-14')
BH-38	tca_1122	10/26/93	ND	6.30	ug/kg	RFI-00695		(26-28')
BH-38	tetcleth	10/26/93	ND	5.40	ug/kg	RFI-00694		(12-14')
BH-38	tetcleth	10/26/93	ND	6.30	ug/kg	RFI-00695		(26-28')
BH-38	toluene	10/26/93	ND	5.40	ug/kg	RFI-00694		(12-14')
BH-38	toluene	10/26/93		800.00	ug/kg	RFI-00607		R(12-14')
BH-38	toluene	10/26/93		900.00	ug/kg	RFI-00608		R(26-28')
BH-38	toluene	10/26/93	ND	6.30	ug/kg	RFI-00695		(26-28')
BH-38	tricleth	10/26/93	ND	5.40	ug/kg	RFI-00694		(12-14')
BH-38	tricleth	10/26/93	ND	6.30	ug/kg	RFI-00695		(26-28')
BH-38	vnyl_cl	10/26/93	ND	10.90	ug/kg	RFI-00694		(12-14')
BH-38	vnyl_cl	10/26/93	ND	12.60	ug/kg	RFI-00695		(26-28')
BH-38	xylene	10/26/93	ND	5.40	ug/kg	RFI-00694		(12-14')
BH-38	xylene	10/26/93	ND	6.30	ug/kg	RFI-00695		(26-28')

LLWSA - Borehole Pesticides/PCBs Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-38	a_bhc	10/26/93	ND	1.81	ug/kg	RFI-00453	UJ(12-14')
BH-38	a_bhc	10/26/93	ND	2.05	ug/kg	RFI-00455	UJ(26-28')
BH-38	a_chrlrdn	10/26/93	ND	1.81	ug/kg	RFI-00453	(12-14')
BH-38	a_chrlrdn	10/26/93	ND	2.05	ug/kg	RFI-00455	(26-28')
BH-38	aldrin	10/26/93	ND	1.81	ug/kg	RFI-00453	(12-14')
BH-38	aldrin	10/26/93	ND	2.05	ug/kg	RFI-00455	(26-28')
BH-38	b_bhc	10/26/93	ND	1.81	ug/kg	RFI-00453	UJ(12-14')
BH-38	b_bhc	10/26/93	ND	2.05	ug/kg	RFI-00455	UJ(26-28')
BH-38	d_bhc	10/26/93	ND	1.81	ug/kg	RFI-00453	UJ(12-14')
BH-38	d_bhc	10/26/93	ND	2.05	ug/kg	RFI-00455	UJ(26-28')
BH-38	ddd_44	10/26/93	ND	3.62	ug/kg	RFI-00453	(12-14')
BH-38	ddd_44	10/26/93	ND	4.11	ug/kg	RFI-00455	(26-28')
BH-38	dde_44	10/26/93	ND	3.62	ug/kg	RFI-00453	(12-14')
BH-38	dde_44	10/26/93	ND	4.11	ug/kg	RFI-00455	(26-28')
BH-38	ddt_44	10/26/93	ND	3.62	ug/kg	RFI-00453	UJ(12-14')
BH-38	ddt_44	10/26/93	ND	4.11	ug/kg	RFI-00455	UJ(26-28')
BH-38	dieldrin	10/26/93	ND	3.62	ug/kg	RFI-00453	(12-14')
BH-38	dieldrin	10/26/93	ND	4.11	ug/kg	RFI-00455	(26-28')
BH-38	endos_1	10/26/93	ND	1.81	ug/kg	RFI-00453	(12-14')
BH-38	endos_1	10/26/93	ND	2.05	ug/kg	RFI-00455	(26-28')
BH-38	endos_2	10/26/93	ND	3.62	ug/kg	RFI-00453	(12-14')
BH-38	endos_2	10/26/93	ND	4.11	ug/kg	RFI-00455	(26-28')
BH-38	endos_s	10/26/93	ND	3.62	ug/kg	RFI-00453	UJ(12-14')
BH-38	endos_s	10/26/93	ND	4.11	ug/kg	RFI-00455	UJ(26-28')
BH-38	endrin	10/26/93	ND	3.62	ug/kg	RFI-00453	UJ(12-14')
BH-38	endrin	10/26/93	ND	4.11	ug/kg	RFI-00455	UJ(26-28')
BH-38	endrn_al	10/26/93	ND	3.62	ug/kg	RFI-00453	UJ(12-14')
BH-38	endrn_al	10/26/93	ND	4.11	ug/kg	RFI-00455	UJ(26-28')
BH-38	endrn_kt	10/26/93	ND	3.62	ug/kg	RFI-00453	UJ(12-14')
BH-38	endrn_kt	10/26/93	ND	4.11	ug/kg	RFI-00455	UJ(26-28')
BH-38	g_bhc	10/26/93	ND	1.81	ug/kg	RFI-00453	UJ(12-14')
BH-38	g_bhc	10/26/93	ND	2.05	ug/kg	RFI-00455	UJ(26-28')
BH-38	g_chlrdrn	10/26/93	ND	1.81	ug/kg	RFI-00453	(12-14')
BH-38	g_chlrdrn	10/26/93	ND	2.05	ug/kg	RFI-00455	(26-28')
BH-38	hept_clr	10/26/93	ND	1.81	ug/kg	RFI-00453	UJ(12-14')
BH-38	hept_clr	10/26/93	ND	2.05	ug/kg	RFI-00455	UJ(26-28')
BH-38	hept_epx	10/26/93	ND	1.81	ug/kg	RFI-00453	(12-14')
BH-38	hept_epx	10/26/93	ND	2.05	ug/kg	RFI-00455	(26-28')
BH-38	meth_xcl	10/26/93	ND	18.10	ug/kg	RFI-00453	UJ(12-14')
BH-38	meth_xcl	10/26/93	ND	20.60	ug/kg	RFI-00455	UJ(26-28')
BH-38	pcb_1016	10/26/93	ND	35.10	ug/kg	RFI-00453	(12-14')
BH-38	pcb_1016	10/26/93	ND	39.70	ug/kg	RFI-00455	(26-28')
BH-38	pcb_1221	10/26/93	ND	72.30	ug/kg	RFI-00453	(12-14')

LLWSA - Borehole Pesticides/PCBs Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-38	pcb_1221	10/26/93	ND	82.20	ug/kg	RFI-00455	(26-28')
BH-38	pcb_1232	10/26/93	ND	35.10	ug/kg	RFI-00453	(12-14')
BH-38	pcb_1232	10/26/93	ND	39.70	ug/kg	RFI-00455	(26-28')
BH-38	pcb_1242	10/26/93	ND	35.10	ug/kg	RFI-00453	(12-14')
BH-38	pcb_1242	10/26/93	ND	39.70	ug/kg	RFI-00455	(26-28')
BH-38	pcb_1248	10/26/93	ND	35.10	ug/kg	RFI-00453	(12-14')
BH-38	pcb_1248	10/26/93	ND	39.70	ug/kg	RFI-00455	(26-28')
BH-38	pcb_1254	10/26/93	ND	35.10	ug/kg	RFI-00453	(12-14')
BH-38	pcb_1254	10/26/93	ND	39.70	ug/kg	RFI-00455	(26-28')
BH-38	pcb_1260	10/26/93	ND	35.10	ug/kg	RFI-00453	(12-14')
BH-38	pcb_1260	10/26/93	ND	39.70	ug/kg	RFI-00455	(26-28')
BH-38	toxaphen	10/26/93	ND	170.00	ug/kg	RFI-00453	(12-14')
BH-38	toxaphen	10/26/93	ND	193.00	ug/kg	RFI-00455	(26-28')

LLWSA - Stream Sediment Metals Data

Location	Parameter	Samp_Date		Result	Units	Sample ID	Flags
ST-37	Aluminum	09/08/93		8060000.00	ug/kg	RFI-00225	
ST-37	Antimony	09/08/93	ND	1810.00	ug/kg	RFI-00225	
ST-37	Arsenic	09/08/93		15400.00	ug/kg	RFI-00225	
ST-37	Barium	09/08/93		76800.00	ug/kg	RFI-00225	
ST-37	Beryllium	09/08/93		415.00	ug/kg	RFI-00225	
ST-37	Cadmium	09/08/93		394.00	ug/kg	RFI-00225	
ST-37	Calcium	09/08/93		43800000.00	ug/kg	RFI-00225	J
ST-37	Chromium	09/08/93		15500.00	ug/kg	RFI-00225	
ST-37	Cobalt	09/08/93		6110.00	ug/kg	RFI-00225	
ST-37	Copper	09/08/93		26000.00	ug/kg	RFI-00225	
ST-37	Iron	09/08/93		16500000.00	ug/kg	RFI-00225	J
ST-37	Lead	09/08/93		22100.00	ug/kg	RFI-00225	
ST-37	Magnesium	09/08/93		6770000.00	ug/kg	RFI-00225	J
ST-37	Manganese	09/08/93		509000.00	ug/kg	RFI-00225	J
ST-37	Mercury	09/08/93	ND	112.00	ug/kg	RFI-00225	
ST-37	Nickel	09/08/93		17900.00	ug/kg	RFI-00225	
ST-37	Potassium	09/08/93		1610000.00	ug/kg	RFI-00225	
ST-37	Selenium	09/08/93		279.00	ug/kg	RFI-00225	
ST-37	Silver	09/08/93	ND	453.00	ug/kg	RFI-00225	UJ
ST-37	Sodium	09/08/93		161000.00	ug/kg	RFI-00225	J
ST-37	Thallium	09/08/93	ND	154.00	ug/kg	RFI-00225	
ST-37	Vanadium	09/08/93		16000.00	ug/kg	RFI-00225	
ST-37	Zinc	09/08/93		510000.00	ug/kg	RFI-00225	J
ST-38	Aluminum	09/22/93		17000000.00	ug/kg	RFI-00073	
ST-38	Antimony	09/22/93		6140.00	ug/kg	RFI-00073	J
ST-38	Arsenic	09/22/93		2870.00	ug/kg	RFI-00073	J
ST-38	Barium	09/22/93		239000.00	ug/kg	RFI-00073	J
ST-38	Beryllium	09/22/93		804.00	ug/kg	RFI-00073	
ST-38	Cadmium	09/22/93		1130.00	ug/kg	RFI-00073	
ST-38	Calcium	09/22/93		7570000.00	ug/kg	RFI-00073	
ST-38	Chromium	09/22/93		23200.00	ug/kg	RFI-00073	J
ST-38	Cobalt	09/22/93		23100.00	ug/kg	RFI-00073	J
ST-38	Copper	09/22/93		101000.00	ug/kg	RFI-00073	
ST-38	Iron	09/22/93		49100000.00	ug/kg	RFI-00073	J
ST-38	Lead	09/22/93		92700.00	ug/kg	RFI-00073	J
ST-38	Magnesium	09/22/93		5640000.00	ug/kg	RFI-00073	
ST-38	Manganese	09/22/93		2670000.00	ug/kg	RFI-00073	
ST-38	Mercury	09/22/93		313.00	ug/kg	RFI-00073	
ST-38	Nickel	09/22/93		53600.00	ug/kg	RFI-00073	J
ST-38	Potassium	09/22/93		2540000.00	ug/kg	RFI-00073	
ST-38	Selenium	09/22/93		453.00	ug/kg	RFI-00073	J
ST-38	Silver	09/22/93	ND	720.00	ug/kg	RFI-00073	

LLWSA - Stream Sediment Metals Data

Location	Parameter	Samp_Date		Result	Units	Sample ID	Flags
ST-38	Sodium	09/22/93		235000.00	ug/kg	RFI-00073	J
ST-38	Thallium	09/22/93	ND	249.00	ug/kg	RFI-00073	
ST-38	Vanadium	09/22/93		24400.00	ug/kg	RFI-00073	
ST-38	Zinc	09/22/93		478000.00	ug/kg	RFI-00073	J
Background							
ST-26	Aluminum	09/08/93		11600000.00	ug/kg	RFI-00224	
ST-26	Antimony	09/08/93	ND	1760.00	ug/kg	RFI-00224	
ST-26	Arsenic	09/08/93		15500.00	ug/kg	RFI-00224	R
ST-26	Barium	09/08/93		72100.00	ug/kg	RFI-00224	
ST-26	Beryllium	09/08/93		581.00	ug/kg	RFI-00224	
ST-26	Cadmium	09/08/93	ND	293.00	ug/kg	RFI-00224	
ST-26	Calcium	09/08/93		2210000.00	ug/kg	RFI-00224	J
ST-26	Chromium	09/08/93		15600.00	ug/kg	RFI-00224	
ST-26	Cobalt	09/08/93		10400.00	ug/kg	RFI-00224	
ST-26	Copper	09/08/93		14300.00	ug/kg	RFI-00224	
ST-26	Iron	09/08/93		19300000.00	ug/kg	RFI-00224	J
ST-26	Lead	09/08/93		22200.00	ug/kg	RFI-00224	
ST-26	Magnesium	09/08/93		2930000.00	ug/kg	RFI-00224	J
ST-26	Manganese	09/08/93		393000.00	ug/kg	RFI-00224	J
ST-26	Mercury	09/08/93	ND	110.00	ug/kg	RFI-00224	
ST-26	Nickel	09/08/93		18000.00	ug/kg	RFI-00224	
ST-26	Potassium	09/08/93		1700000.00	ug/kg	RFI-00224	
ST-26	Selenium	09/08/93		155.00	ug/kg	RFI-00224	
ST-26	Silver	09/08/93	ND	439.00	ug/kg	RFI-00224	UJ
ST-26	Sodium	09/08/93		149000.00	ug/kg	RFI-00224	J
ST-26	Thallium	09/08/93	ND	142.00	ug/kg	RFI-00224	
ST-26	Vanadium	09/08/93		18100.00	ug/kg	RFI-00224	
ST-26	Zinc	09/08/93		345000.00	ug/kg	RFI-00224	J

LLWSA - Stream Sediment Semivolatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	
ST-26	acnphthe	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	acnphthy	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	anthracn	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	bis2ceth	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	bis2cexy	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	bis2clis	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	bis2ehex	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	bnz_a_an	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	bnz_a_py	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	bnz_b_fl	09/08/93		76.20	ug/kg	RFI-00193	J
ST-26	bnz_k_fl	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	bnzghipr	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	brppeth4	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	butbnzph	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	carbazol	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	chppeth4	09/08/93	ND	449.60	ug/kg	RFI-00193	UJ
ST-26	chrysene	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	clnaph2	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	clphen_2	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	dbahanth	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	dcb_33	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	dibznfur	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	diclph24	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	diethyph	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	dimthp24	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	dimthyph	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	dinbutph	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	dinoctph	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	dintrp24	09/08/93	ND	1135.00	ug/kg	RFI-00193	UJ
ST-26	dintrt24	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	dintrt26	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	dntrcr46	09/08/93	ND	1135.00	ug/kg	RFI-00193	
ST-26	flranthn	09/08/93		113.90	ug/kg	RFI-00193	J
ST-26	fluorene	09/08/93	ND	449.60	ug/kg	RFI-00193	UJ
ST-26	hexclbnz	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	hexclbut	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	hexcleth	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	hexclpen	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	hexdcacd	09/08/93		400.00	ug/kg	RFI-00193	J
ST-26	indnpyre	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	isophron	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	m_dclbnz	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	m_ntranl	09/08/93	ND	1135.00	ug/kg	RFI-00193	

LLWSA - Stream Sediment Semivolatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	
ST-26	mthynph2	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	naphthal	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	nntrphny	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	nntrprpy	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	ntrobenz	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	o_cresol	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	o_dclbnz	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	o_ntranl	09/08/93	ND	1135.00	ug/kg	RFI-00193	
ST-26	o_ntrphn	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	p_cresol	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	p_dclbnz	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	p_ntranl	09/08/93	ND	1135.00	ug/kg	RFI-00193	
ST-26	p_ntrphn	09/08/93	ND	1135.00	ug/kg	RFI-00193	
ST-26	pclranil	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	pclmcrs	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	phenol	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	phnanthr	09/08/93		51.10	ug/kg	RFI-00193	J
ST-26	pntclphn	09/08/93	ND	1135.00	ug/kg	RFI-00193	
ST-26	pyrene	09/08/93		75.10	ug/kg	RFI-00193	J
ST-26	tcb_124	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	tlph245	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-26	tlph246	09/08/93	ND	449.60	ug/kg	RFI-00193	
ST-37	acnphthe	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	acnphthy	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	anthracn	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	bis2ceth	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	bis2cexy	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	bis2clis	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	bis2ehex	09/08/93		227.70	ug/kg	RFI-00196	J
ST-37	bnz_a_an	09/08/93		413.00	ug/kg	RFI-00196	J
ST-37	bnz_a_py	09/08/93		565.50	ug/kg	RFI-00196	J
ST-37	bnz_b_fl	09/08/93		993.80	ug/kg	RFI-00196	
ST-37	bnz_k_fl	09/08/93		286.80	ug/kg	RFI-00196	J
ST-37	bnzghipr	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	brppeth4	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	butbnzph	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	carbazol	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	chppeth4	09/08/93	ND	659.10	ug/kg	RFI-00196	UJ
ST-37	chrysene	09/08/93		604.90	ug/kg	RFI-00196	J
ST-37	clnapht2	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	clphen_2	09/08/93	ND	659.10	ug/kg	RFI-00196	

LLWSA - Stream Sediment Semivolatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	
ST-37	dbahanth	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	dcb_33	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	dibnzfur	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	diclph24	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	diethyph	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	dimthp24	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	dimthyph	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	dinbutph	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	dinoctph	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	dintrp24	09/08/93	ND	1664.00	ug/kg	RFI-00196	UJ
ST-37	dintr24	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	dintr26	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	dntcr46	09/08/93	ND	1664.00	ug/kg	RFI-00196	
ST-37	flranthn	09/08/93		1066.60	ug/kg	RFI-00196	
ST-37	fluorene	09/08/93	ND	659.10	ug/kg	RFI-00196	UJ
ST-37	hexclbnz	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	hexclbut	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	hexcleth	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	hexclpen	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	hexdcacd	09/08/93		2000.00	ug/kg	RFI-00196	J
ST-37	indnpyre	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	isophron	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	m_dclbnz	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	m_ntranl	09/08/93	ND	1664.00	ug/kg	RFI-00196	
ST-37	mthynph2	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	naphthal	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	nnttrphny	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	nnttrppy	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	ntrobenz	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	o_cresol	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	o_dclbnz	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	o_ntranl	09/08/93	ND	1664.00	ug/kg	RFI-00196	
ST-37	o_ntrphn	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	p_cresol	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	p_dclbnz	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	p_ntranl	09/08/93	ND	1664.00	ug/kg	RFI-00196	
ST-37	p_ntrphn	09/08/93	ND	1664.00	ug/kg	RFI-00196	
ST-37	pclranil	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	pclrmcrs	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	phenol	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	phnanthr	09/08/93		384.80	ug/kg	RFI-00196	J
ST-37	pntclphn	09/08/93	ND	1664.00	ug/kg	RFI-00196	
ST-37	pyrene	09/08/93		810.50	ug/kg	RFI-00196	

LLWSA - Stream Sediment Semivolatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	
ST-37	tcb_124	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	tclph245	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-37	tclph246	09/08/93	ND	659.10	ug/kg	RFI-00196	
ST-38R	acnphthe	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	acnphthy	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	anthracn	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	bis2ceth	12/10/93	ND	603.10	ug/kg	RFI-00039	UJ
ST-38R	bis2cexy	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	bis2clis	12/10/93	ND	603.10	ug/kg	RFI-00039	UJ
ST-38R	bis2ehex	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	bnz_a_an	12/10/93		189.70	ug/kg	RFI-00039	J
ST-38R	bnz_a_py	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	bnz_b_fl	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	bnz_k_fl	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	bnzghipr	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	brppeth4	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	butbnzph	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	carbazol	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	chppeth4	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	chrysene	12/10/93		210.30	ug/kg	RFI-00039	J
ST-38R	clnaph2	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	clphen_2	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	dbahanth	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	dcb_33	12/10/93	ND	603.10	ug/kg	RFI-00039	UJ
ST-38R	dibnzfur	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	diclph24	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	diethyph	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	dimthp24	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	dimthyph	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	dinbutph	12/10/93		289.30	ug/kg	RFI-00039	U
ST-38R	dinoctph	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	dintrp24	12/10/93	ND	1523.00	ug/kg	RFI-00039	UJ
ST-38R	dintrt24	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	dintrt26	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	dntcr46	12/10/93	ND	1523.00	ug/kg	RFI-00039	
ST-38R	flranthn	12/10/93		402.00	ug/kg	RFI-00039	J
ST-38R	fluorene	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	hexclbnz	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	hexclbut	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	hexcleth	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	hexclpen	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	indnpyre	12/10/93	ND	603.10	ug/kg	RFI-00039	
ST-38R	isophron	12/10/93	ND	603.10	ug/kg	RFI-00039	

RFI:0003012.RM

LLWSA - Stream Sediment Semivolatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags
ST-38R	m_dclbnz	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	m_ntranl	12/10/93	ND	1523.00	ug/kg RFI-00039	
ST-38R	mthynph2	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	naphthal	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	nntrphny	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	nntrprpy	12/10/93	ND	603.10	ug/kg RFI-00039	UJ
ST-38R	ntrobenz	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	o_cresol	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	o_dclbnz	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	o_ntranl	12/10/93	ND	1523.00	ug/kg RFI-00039	
ST-38R	o_ntrphn	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	p_cresol	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	p_dclbnz	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	p_ntranl	12/10/93	ND	1523.00	ug/kg RFI-00039	
ST-38R	p_ntrphn	12/10/93	ND	1523.00	ug/kg RFI-00039	UJ
ST-38R	pclranil	12/10/93	ND	603.10	ug/kg RFI-00039	UJ
ST-38R	pclrmcrs	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	phenol	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	phnanthr	12/10/93		189.90	ug/kg RFI-00039	J
ST-38R	pntclphn	12/10/93	ND	1523.00	ug/kg RFI-00039	
ST-38R	pyrene	12/10/93		374.40	ug/kg RFI-00039	J
ST-38R	tcb_124	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	tclph245	12/10/93	ND	603.10	ug/kg RFI-00039	
ST-38R	tclph246	12/10/93	ND	603.10	ug/kg RFI-00039	

LLWSA - Stream Sediment Volatiles Data

Location	Parameter	Samp_Date		Result	Units	Sample ID	Flags
ST-26	acetone	09/08/93		31.00	ug/kg	RFI-00175	J
ST-26	benzene	09/08/93		3.00	ug/kg	RFI-00175	UJ
ST-26	br_meth	09/08/93	ND	13.40	ug/kg	RFI-00175	
ST-26	brdcmeth	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	brform	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	c_13_dcp	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	ccl4	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	cl_benz	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	cl_eth	09/08/93	ND	13.40	ug/kg	RFI-00175	
ST-26	cl_form	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	cl_meth	09/08/93	ND	13.40	ug/kg	RFI-00175	
ST-26	cs2	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	dbc_meth	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	dca_11	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	dca_12	09/08/93		6.80	ug/kg	RFI-00175	
ST-26	dce_11	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	dce_12_t	09/08/93	ND	6.70	ug/kg	RFI-00175	UJ
ST-26	dcp_12	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	eth_benz	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	hexnone2	09/08/93	ND	13.00	ug/kg	RFI-00175	UJ
ST-26	mek	09/08/93	ND	13.40	ug/kg	RFI-00175	
ST-26	mene_cl	09/08/93		14.50	ug/kg	RFI-00175	UJ
ST-26	mibk	09/08/93	ND	13.40	ug/kg	RFI-00175	UJ
ST-26	styrene	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	t_13_dcp	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	tca_111	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	tca_112	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	tca_1122	09/08/93		1.50	ug/kg	RFI-00175	J
ST-26	tetcleth	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	toluene	09/08/93		600.00	ug/kg	RFI-00193	R
ST-26	toluene	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	tricleth	09/08/93	ND	6.70	ug/kg	RFI-00175	
ST-26	vnyl_cl	09/08/93	ND	13.40	ug/kg	RFI-00175	
ST-26	xylene	09/08/93		1.70	ug/kg	RFI-00175	J
ST-38	acetone	09/22/93	ND	30.00	ug/kg	RFI-00186	UJ
ST-38	acetone	09/22/93	ND	30.00	ug/kg	RFI-00186	UJ
ST-38	benzene	09/22/93		6.60	ug/kg	RFI-00186	UJ
ST-38	benzene	09/22/93		6.00	ug/kg	RFI-00186	UJ
ST-38	br_meth	09/22/93	ND	30.20	ug/kg	RFI-00186	
ST-38	br_meth	09/22/93	ND	30.20	ug/kg	RFI-00186	
ST-38	brdcmeth	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	brdcmeth	09/22/93	ND	15.10	ug/kg	RFI-00186	

LLWSA - Stream Sediment Volatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags	
ST-38	brform	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	brform	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	c_13_dcp	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	c_13_dcp	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	ccl4	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	ccl4	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	cl_benz	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	cl_benz	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	cl_eth	09/22/93	ND	30.20	ug/kg	RFI-00186	
ST-38	cl_eth	09/22/93	ND	30.20	ug/kg	RFI-00186	UJ
ST-38	cl_form	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	cl_form	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	cl_meth	09/22/93	ND	30.20	ug/kg	RFI-00186	UJ
ST-38	cl_meth	09/22/93	ND	30.20	ug/kg	RFI-00186	
ST-38	cs2	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	cs2	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dbc_meth	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dbc_meth	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dca_11	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dca_11	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dca_12	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dca_12	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dce_11	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dce_11	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dce_12_t	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dce_12_t	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dcp_12	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	dcp_12	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	eth_benz	09/22/93		4.30	ug/kg	RFI-00186	J
ST-38	eth_benz	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	hexnone2	09/22/93	ND	30.00	ug/kg	RFI-00186	
ST-38	hexnone2	09/22/93	ND	30.00	ug/kg	RFI-00186	
ST-38	mek	09/22/93	ND	30.20	ug/kg	RFI-00186	
ST-38	mek	09/22/93	ND	30.20	ug/kg	RFI-00186	
ST-38	mene_cl	09/22/93		9.10	ug/kg	RFI-00186	UJ
ST-38	mene_cl	09/22/93		15.60	ug/kg	RFI-00186	UJ
ST-38	mibk	09/22/93	ND	30.20	ug/kg	RFI-00186	
ST-38	mibk	09/22/93	ND	30.20	ug/kg	RFI-00186	
ST-38	styrene	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	styrene	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	t_13_dcp	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	t_13_dcp	09/22/93	ND	15.10	ug/kg	RFI-00186	
ST-38	tca_111	09/22/93	ND	15.10	ug/kg	RFI-00186	

LLWSA - Stream Sediment Volatiles Data

Location	Parameter	Samp_Date	Result	Units	Sample ID	Flags
ST-38	tca_111	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	tca_112	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	tca_112	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	tca_1122	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	tca_1122	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	tetcleth	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	tetcleth	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	toluene	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	toluene	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	tricleth	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	tricleth	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	vnyl_cl	09/22/93	ND	30.20	ug/kg	RFI-00186
ST-38	vnyl_cl	09/22/93	ND	30.20	ug/kg	RFI-00186
ST-38	xylene	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38	xylene	09/22/93	ND	15.10	ug/kg	RFI-00186
ST-38R	toluene	12/10/93	700.00	ug/kg	RFI-00039	R